

Index for Volume 8, 1981-1982

A

Acton 245, 246, 255, 263, 264, 274,
Aechimintia sp. 168, 172, 174, 199
aeromagnetic surveys 1, 2, 5
AGER, D. V. 233
ALDRIDGE, R. J. & RUSHTON, A. W. 238, 323
Alport 81, 83, 94-97, 99, 103
Alport lavas 81, 95-98, 102, 103, 124, 125
Alston 285, 289, 293, 294
America, North, basement structure 2-4, 9
Ammonite sps. 63, 65, 67
analcite 105, 109
albite 24, 25
Alderley Edge 290
ANDERTON, R. *et al.* 72
Anglesey 305-307
anhydrites 288-290
ANTIA, D. D. J. 163
Aparchites sps. 168, 170, 174, 199
apatite 179
Apedale faults 242, 245
Ashbourne 48, 59, 276
Ashover area 11-27, 82-86, 88, 92, 93,
103, 120, 124
Ashover Grit 308
Ashover Tuff 11-27, 107
Askrigg 285, 289
ATKINS, D. R. 207, 311
Auchenaspis sps. 165, 176
aulacogen 7

B

Bakewell 81, 83, 94-96, 99, 124, 125, 308
Barnwell Brook 37, 38, 43, 44
barite 250, 259, 288, 290, 293-295
Bees Nest Member 48-55, 58
Bees Nest Pit 49-53, 55, 56
Bifungites sp. 188, 189, 208, Plate 7
Blackbrook 218-221
Blackwell Dale 105
Blakemoor Pit 49, 54, 55
Blythe Bridge 271, 272
Bole Hill anticline 91
Bonsall area 81, 85, 89, 90, 92, 103, 124
Bonsall fault 90-92
Bonsall lava 86
Bonsall sill 81, 83, 84, 93, 122
book reviews 72-76, 147, 233, 234, 309, 310
boreholes 11-15, 17, 23-25, 81-126, 182,
225-228, 290-294
Bos 39
?Brachyzga sp. 207

Bradford Dale lava 95, 96, 125
Bradgate Park 220
Bradwell Moor 108, 112, 114-117, 125
Brand, Charnwood 220, 221
Brassington area 47-59. Cover Part I.
Brassington Formation 47-59
BRIDGER, J. F. D. 217
BRIDGES, P. H. 69
Bridgnorth Sandstone Formation 245
Bringewoodian Stage 168
Bromsgrove Sandstone Formation 279
Brook Bottom Tuff 110
Builth area 163, 165, 192, 201, 218
Builth area fossil list 191
BUIST, D. S. & THOMPSON, D. B. 241
Bunter Mottled Sandstones 243, 245, 257,
258, 275, 276
Bunter Pebble-Beds 47, 51, 57, 58, 242-265
BURNS, T. L. & SPIEGEL, H. J. 73
BUTCHER, N. J. D. & CHISHOLM, J. I. 225
Butts Quarry 17, 23
Buxton area 81, 83, 103-107, 110, 111,
113, 125
Buxton Bridge dyke 81

C

Calcaribeyrichia sps. 170, 191, 199
calcite 17, 19-21, 23, 25, 93, 288, 290,
294, 295
Calton Hill complex 81, 103-105, 109, 112,
122, 125, Plate 4
Calver 308
Cannock Chase Formation 242, 243, 273
carbonates 23, 24
carbonatite 4
Carboniferous Limestone 11-27, 47, 48, 58,
69-71, 81, 84-87, 89, 90, 93-95,
97-105, 107-109, 111-125, 285-295
CASTLEDEN, R. 29
Castleton area 81, 83, 103, 104, 106,
114-117, 125
Cavedale lava 81, 105, 113-117, 125
Cavellina sps. 168, 172, 174, 199
Cawdor Limestone 69
Cennan - see Cennen
Cennen Beds 168, 207, 311-315
Cennen Valley 163, 168, 201, 207, 311-315
Cennen Valley fossil list 207
Cephalaspis sps. 165, 174
Ceramopora sp. 191, 198, 207
Charnwood Forest 16, 217-222

Cheadle 242, 245, 250
 Chelford Interstadial 40, 44, 45
 Cheshire Basin 16, 243-246, 274, 290
 Chester Pebble-Beds Formation 242, 273
 chlorides 286, 291
 chlorine 286, 287
 chlorite 17, 20, 21, 23, 24, 93, 120, 177
 chalcedony 17
Chonetes striatella Beds 192-194
Chonetoides grayi Beds 193
 CHISHOLM, J.I. 308
 CHISHOLM, J.I. & BUTCHER, N.J.D. 225
 Church Stretton Fault 229
 Cliff Quarry, Crich 69, 71
 Coal Hill Quarries, Wirksworth 69, 70
 Coal Measures 11, 133-140, 243, 245,
 274, 277, 278, 294
 colliery list, E. Midlands, sample data 135
 COLLINS, P., *et al.* 47
 Conksbury Bridge lava 95-99, 102, 125
Cooksonia sps. 167, 208, Plate 6
 copper 290, 293, 306
Corvaspis sps. 174, 176
Craniops implicatus 184, 190, 191, 195,
 198, 207
 Craven Arms area 229-232
 Cressbrook Dale 104, 105, 108, 109, 113
 120-122
 Cressbrook lavas 111, 112, 118-125
 Crich area 69-71, 82-85, 91, 92, 124
 Cromford - Wirksworth area 91
Ctenacanthus sp. 176
 Custard Field Pit 49, 54, 55
Cytherellina c.f. siliqua 175, 181, 183, 184,
 190, 191, 193, 199

D

Dalmanella lunata Beds 185, 186, 189
Davidsonina septosa Band 114
Dayia navicula 185-187, 189, 191, 192, 198
 Derbyshire 5, 47-59, 69-71, 81-126, 225-228,
 285-295, 308
 Derbyshire igneous rocks 11-27, 81-126, 227
 Derbyshire mines & quarries 17-19, 21,
 23-25, 27, 69, 70, 83-87, 89-94,
 97-105, 107, 108, 114-116, 118,
 124, 125
 Devensian 29-45, 220
 diagenetic brines 285, 286, 288, 289,
 293-295
Dibunophyllum 16
 Dirtlow Rake 100, 101, 109, 112
 Ditch Cliff vent 81

Ditton Group 185, 200
 dolomitisation 69, 112, 225-228, 286, 290,
 291, 308, cover Part I
 Dove Holes Tuff 81, 103-108, 111, 113.
 Downton 163, 166, 172
 Downton Castle Formation 166, 169-172,
 186, 188, 189, 192, 197
 Downton Sandstone 165
 Downton Series 168, 169, 171, 178
 Downtonian 163, 170, 171, 183, 184, 194-196,
 200, 201, 207

E

Eakring 290-293
 earthquakes, Derby 59
 East Anglia 5-7
 Eccleshall 242, 244, 274, 276
 Ecton 290
 Edale Gulf 13, 291, 292
Elephas 39
 Eltonian Stage 168
 Ember Lane vent 81, 83, 89
 EMBREY, P.G. & FULLER, J.D. 147
 engineering geology 241-265, 271-282
 England, basement structure 5-9
Eparietites undaries 63-67, Plate 1
Eparietites sps. 63, 65-67
Equus caballus 39
 Essex 175, 201-206
Euestheria c.f. minuta 251
 Europe, basement structure 1, 4-9
 eurypterids 165, 167
 EVANS, A.M. 305
 excursion reports 69-71, 305-307, 308
 Eyam area 81, 83, 112, 118-125
 Eyam Limestone 118

F

Fall Hill Quarry 17-19, 23, 27
 Fallgate borehole core, diagram 15
 fault data, Coal Measures, E. Midlands 135
 felspar 17, 20, 23, 33
 Fen Gravel 31, 38
 Flandrian 38, 40
 flint 33, 34
 fluorite 5, 18, 19, 89, 90, 286, 288, 290, 294
 FORD, T.D. & INESON, P.R. 286
 fossil lists
 Builth area 191
 Ludlow district 198-199
 Ludlow-Downton boundary, Ludlow 184
 Ludlow-Downton boundary, Wallop Hall 195

fossil lists (ctd.)

Kerry area 190
Onibury, Temeside Formation 175
Ostracod faunas, Sale Point,
Bradwell, Essex 203, 205
Pridolian fossils, Cennen Valley 207
Teme River section, Ludlow 174
Temeside Formation, Wallop Hall 193
Friden area 48, 49
Frodingham Ironstone 63-67
frost wedging 38, 39
Frostiella sps. 168, 170, 175, 184, 190,
199, 207
Fuchsella amygdalina 189, 191, 198

G

Gainsborough Trough 291, 292
galena 91, 92, 111, 288, 289, 293-295, 306
Gedinnian Stage 171
geological crossword puzzle 1 238-239, 323
Girvanella Bands 115, 117, 120, 121, 123
gold deposits 4, 97
Gomphonchus sps. 167, 170, 174, 176, 183,
190, 191, 193, 207
Gorstian Stage 168
?Gotlandella sp. 168, 172, 174, 184, 199
Grace Dieu Wood, Charnwood Forest 218,
220, 221
Grange Mill 81, 83, 84, 86, 87, 90, 93,
107, 124
Gratton Dale 83-85, 87, 90
gravel regions 276
Great Longstone 99
Great Rocks Dale 81, 105, 107, 108, 111, 113
Great White Wayboard 109, 113
Green Clay Pit 49, 50, 52, Cover Part I
Griffe Grange Limestone 16, 93, 225-228
Gulph Fault 90, 91
gypsum 290

H

haematite 23, 176, 178, 179, 185
HALSTEAD, L. B. 74
Heathcote Pit 49, 54, 55
Helsby Sandstone Formation 243
Hemiaspis sp. 176
Hemicyclaspis sps. 170, 176
Henmore Brook 59
Hermannia sps. 168, 170, 172, 174, 175, 183,
190, 191, 193, 194, 199, 207, 208,
Plate 7
highway construction 241-269, 271-282

Hilton Terrace 222
Hoar Edge Grit 232
Hob's House Coral Band 100
Holopella Beds 192, 193
Holy Island, Anglesey 305
Hopton tunnel 69
Hoptonwood Limestones, 16, 84, 85, 90, 225
Hormotoma sp. 207
Hostinella sp. 167, 208, Plate 6
Howellella elegans 184, 198
Hulme 242, 255, 263, 277
Humberside 63-67
Hydrocarbons 288, 291
Hyolithes forbesi 191, 199, 207

I

Ible sill 81, 83, 84, 93
iddingsite 17
igneous rocks, Derbyshire 11-27, 81-126
IJTABA, M., *et al.* 47
ilmenite 93
INESON, P.R. & FORD, T.D. 285
INESON, P.R. & WALTERS, S.G. 81
Ipswichian 39, 40
ironstone 33
isochron dating 139, 140

J

JOSS, K.L. 63

K

Keele Sandstone Formation 243, 245, 274
KELMAN, P.M. 11
Kenslow Member 48-55
Kenslow Pits 49-54, 57
Kerry area 163, 165, 185-189, 192, 194,
200, 201, 208
Kerry area fossil list 190
Keuper Marl/Waterstones/Sandstone 243
Kingswood Bank, Trentham 242, 244,
246-249, 260, 261, 274, 277
Kinnerton Sandstone Formation 243
Kionoceras sps. 175, 199, 207
Kirkham Member 48-58
Kirkham's Pits 49-55
Kuresaaria circulata 168, 172, 174, 184,
191, 199

L

labradorite 21
land restoration 277-280
LANGLEY, K.M. 133
Lathkill Dale 81, 83, 97-99
Lathkill Lodge lava 95-98, 101, 125
Lathkill Shell Bed 100, 101
LAWSON, J.B. 313-315
Ledbury Formation 166, 169-173, 178, 183,
185, 186, 194, 197, 208
Ledopsis barrowsi 175, 190, 193, 194, 198
Lees Bottom lava 81, 95, 99, 100, 109, 119
Leicestershire 5, 217-222, 276, 294
Leintwardian Beds 169, 171
Leintwardinian Stage 168-171, 207
Leioclema sp. 191, 198, 207
Leperditia 165
Letters to the Editor 311-315
leucoxine 93
Lias Clay 34
limonite 176, 185
Lincolnshire 29-45, 291, 292, 294
Lingula sps. 165, 167, 170, 174-176, 183,
184, 190, 193-195, 198, 207
Lithostrotion martini 25
Litton area 81, 109, 111-113, 118, 121,
122, 125
Litton Tuff 113, 118-125
Logania sps. 170, 174, 183, 190, 191, 193
Londinia kiesowi 168, 175, 183, 184, 190,
193, 195, 199, 207
Long Mountain 163, 165, 168, 191, 192
200, 201
Long Rake 95-97
Longmyndian 229-232
Longstone Edge 81, 83, 118-125
Longstone Edge Tuffs 118, 123-125
Lophoctonella sp. 184, 190, 191, 193,
195, 199
Low Mine, Matlock 87, 90, 91, 103, 124
Loxonema sps. 191, 195, 198
Ludfordian Stage 168-171, 184, 185, 192
Ludlovian 163, 171, 183, 192, 194-196,
200, 201
Ludlow area 163-208
Ludlow Bone Bed 165, 169, 171, 197
Ludlow Castle Group 169, 171
Ludlow fossil lists 174, 184, 198, 199
Ludlow museum 164, 201
Ludlow Series 168, 169, 178, 185

M

M6 Motorway 242-244, 246-249, 263, 274
Magnesian Limestone 288, 293-295

magnesium 24
magnetite 23
Magpie Mine 99-101
March Gravel 37-39, 44
Masson Hill 87, 89, 91, 92
Matlock 11, 14, 81, 83, 84, 91-93, 118,
124, 125, 225-228
Matlock lavas 81-93, 98, 102, 103, 124
Matlock Limestone 69, 85, 90
Mercia Mudstone Group 243, 244, 274,
277, 281
Mercian Geologist, cumulative contents,
Vols.1-7 149-162
mica 178, 286
Microsphaeridiorhynchus sps. 184, 189-192,
198, 207
Middleton-by-Wirksworth 91, 124
Middleton Dale 118-120
Middleton Moor 87, 90, 92, 122
Millclose lava 81-83, 85-87, 102, 103
Millclose Mine, Darley Dale 83-87, 90, 92,
94-96, 98, 102, 103, 124, 125
Millers Dale 104-106, 113, 118, 125
Millers Dale lavas 81, 99, 102-117, 124,
125, Plates 3 & 4
Millstone Grit 14, 308
Milltown borehole/mine/quarry 15, 17, 21,
23-25, 27, 92
Milltown Quarry borehole core, diagram 15
mineralisation 285-295
Mixon 13, 290
Modiola 165
Mogshaw Mine, Sheldon 83, 100, 101, 114
Monian 305-307
Monsal Dale area 99, 119, 124
Monsal Dale Limestones 118, 120, 123
Monks Dale vent 103, 104, 108, 125
montmorillonite 93
MOSELEY, J.B. 229
Mount Pleasant sill 81, 103, 113
Murchisonia sps. 189, 198

N

Namurian 48, 51, 58, 82, 91, 107, 118,
122, 124, 126, 294, 308
Needwood 242, 244, 246, 274
Nematophyton sps. 167, 172
Nene terrace gravels, analysis & sections
33, 36
Neobeyrichia sps. 168, 170, 199
Netherlands 5-7
Newcastle Sandstone Formation 243, 245, 274
NEWTON, J.P., *et al.* 47

Newtown Linford 219, 221
Nodibeyrichia sps. 184, 199
Norfolk 291, 294
North Sea basins 58
Nosteolepis sp. 191, 193
Nottinghamshire 294
?Nyhamnella sp. 207

O

Obituary, Prof. L.J. Wills 143
olivine 17, 23, 24
Onchus 165
Onibury 163, 165, 168, 175, 180-182,
201, 208
Onibury fossil list 175
Orbiculoidea sps. 190, 191, 195, 198, 207
oregenesis 5, 125-126, 285-295
Orionastrea placenta Band 95, 97, 99, 101,
102, 121. Cover Part 3.
Orthoceras sp. 191, 199, 207
orthoclase 23
ostracod faunas, recent 175, 201-206
Overton Formation 169-171, 196
Oxford Clay 34, 38, 39
Oxynoticeras 67
Ozarkodina sps. 168-170, 174, 176, 199

P

Pachythea sps. 167, 172, 174, 175
palaeocurrents, Brassington 47-59
palagonite 118
Park Hall Country Park, Longton 271, 274,
277-279
Passby Wayboard 87
Peak Forest sill 81, 103, 112
Pebble-Beds (Sherwood Sandstone Gp.)
241-269, 271-282
Pennine, South, mineralisation/orefield
5, 125-126, 285-295
Permian Marl Slate 293
Peter Dale vent 103, 108, 125
Peterborough 31, 32, 34, 35, 41
Peterborough museum 40, 45
Pilhough area 102, 103
Pilhough toadstones 102, 125
Pindale 81, 114
Pindale Tuff 104, 114-118, 125
plate tectonics 1, 2, 7
Platyschisma sps. 171, 189, 198
Posidonia 16
potassium 286, 287
potassium-argon dating 133-140, 289, 291

Potluck sill 81, 103, 108, 112, 122
Pre-Cambrian 1-9, 229-232
Pridioli - see Pridoli
Pridoli Series 163, 168-171, 207, 311-315
Protaxites sp. 167, 172
Protochonetes sps. 184, 189-192, 195,
198, 217
Psilophytites 167
Pterygotus 165
Pump Station Toadstones 102, 103, 125
pyrite 23, 25, 97, 176, 178, 288, 294, 306
pyroxene 23, 107, 109

Q

quartz 17, 25, 33, 177, 179, 250

R

Ravensdale Tuff 81, 103-105, 113, 119
RAYNER, D.H. 233
Rhinoceras 39
River Amber 12, 13
Blackwater 201-2-6
Blythe 272
Cam 29, 38
Derwent 91, 122
Glen 29, 38
Great Ouse 29, 31, 38
Lathkill 95, 96
Nene 29-45
Soar 222
Tean 272
Teme 174
Trent 58, 222
Welland 29, 31, 38
Witham 29, 31, 38
Wye, Derbyshire 97
Rowsley 102, 125
Rowtor Rocks 308
RUSHTON, A.W. & ALDRIDGE, R.J. 238, 323

S

Sales Point, Bradwell, Essex 163, 172,
175, 176, 201-206
Sales Point fossil lists 203, 205
Sales Point ostracod fauna 203-206
Salopina lunata 184, 185, 189-192, 195,
198, 207
Scotland, N.W. 2, 9
SCOTT, N.H., *et al.* 47
Scow Brook 59
Scunthorpe 63-67

Secretary's reports 77-79, 235-237
Seminula 16
 sericite 17
 Shacklow Wood lava 81, 95, 99-101, 111, 119
 Sherwood Sandstone Group 241-269, 271-282
 Shothouse Springs 81, 90, 124
 Shropshire 163-208, 229-232, 245, 276
 silicification 290, 291
 Silurian, Upper
 chronostratigraphy diagram 170
 lithostratigraphy diagram 171
 S.S.S.I 103, Plate 4, 279
Solenamya sp. 190, 193
 Speedwell littoral cone 81, 104, 114-116
 sphalerite 111, 288, 293, 306
 SPIEGEL, H. J., & BURNS, T. L. 73
 SQUIRRELL, H. C. 312
 Stafford 242, 244, 246, 274, 276
 Staffordshire 49, 57, 228; 241-269, 271-282, 290
 Staffordshire Gulf 16
 Stanton Moor excursion report 308
 Stanton Syncline 85, 308
 Station Quarry, Millers Dale 108
 stromatolites 208, Plate 7
 Sugarbrook, Worcs. 245
 sulphides 286, 288, 293
 sulphurous hydrocarbons 288
 Sunnyhill Formation 169-171, 194

T

Taddington Dale 95, 99, 100, 105, 106, 109, 110, 124
 Tarporley Sandstone Formation 243
 Temeside Bone-Beds 165, 169, 171-174, 177, 179, 180, 182, 183, 197, 200, 201, Plates 6 & 7
 Temeside Formation 163, 169-172, 175, 178, 180, 186, 189, 192-195, 201, 208
Tentaculites sp. 207
Thelodus sps. 167, 170, 174, 183, 190, 191, 193
 THOMPSON, D. B. 271
 THOMPSON, D. B. & BUIST, D. S. 241
 Thorpe Brook 37, 38, 43, 44
 Tideswell area 81, 103, 104, 107-110, 112, 113, 119, 120, 122, 125, Plates 3 & 4
 Tideswell Dale sill 105-107
 trace fossils 188
 Trentham area 241, 242, 244, 246-250, 255, 256, 261, 263, 274
 Trentham Conglomerate Bed 242, 248, 255

Trunk road A564 272
Turbocheilus helicites 189, 190, 195, 198
 TURNER, P. R., *et al.* 47

U

Ulverscroft, Charnwood Forest 220, 222
 Upperdale Coral Band 100
 Uriconian 229-232

V

Via Gellia 84, 87, 90-93, 225-228

W

Wales, South 201, 207-208
 Wallop Hall fossil lists 193, 195
 WALSH, P. T., *et al.* 47
 WALTERS, S. G., & INESON, P. R. 81
 Wart Hall, Shropshire 229-243
 Wash 5-7, 29, 38
 Waterswallows sill 81, 103, 104, 107, 108, 111, 122, Plate 2, Cover Vol.2
 WATSON, J. 1
 Whitcliffe Beds 169, 171, 189
 Whitcliffian Stage 168-171, 194, 201
 WHITE, D. E. 312
 Whitwick 218, 219
 Widmerpool Gulf 13, 16, 291, 292
 Wildmoor Sandstone Formation 245
 WILLS, L. J. obituary 143
 Wilmslow Sandstone Formation 242, 245, 257, 258, 275
 Winster 308
 Winster Moor 81, 83-85, 87, 90, 124
 Wirksworth area 59, 69, 81, 83, 84, 86, 91, 124
 Wisbech 29
 Wolstonian 39, 217, 220, 222
 Woo Dale Limestones 114, 227
 Woodston Beds 39, 40
 Worcestershire 245, 246
 Wormhill 107, 113, 125

Y

Yorkshire 7, 63