

Subject Index

Many local place names and relatively small structures, if mentioned only in one paper, have been omitted from this index or have been referred to under a more general entry. References to the Devonian and Carboniferous are only indexed where more detailed stratigraphical subdivision is made in the text.

- Aachan, 23–9
 thrust, 23, 27
Acadian, 15–6, 65, 69, 197, 205–6, 209–11, 233, 245, 256, 261
Accretionary prism, 158
Acrirarchs, 49
Actinolite, 247
Aigurande nappe, 51, 57
Alabama, 199, 202, 207–8
Albite, 52, 54, 66–7
Algeria, 206
Alleghenian, 78, 181, 197–212, 233–41, 245, 247, 254
Allegheny front, 208–10
 platform, 202–3
 synclinorium, 203
Allochthon, 208–9
Alluvial fan, 233, 235
Alpine belt, 3, 5, 14, 29
Alston block, 139–46, 157
Altenburen fault, 75–6
Alto Alentejo, 4,
Amphibolite, 219
Anatexis, 4–5, 7–8, 47, 50–1, 67–8
Andalusite, 52–6, 66, 247
Andrews–Sleep cell, 15–18
Andurn fault, 116–7
Anguille Group, 204, 221
Anti-Atlas orogeny, 182
Apatite, 67
Appalachian axis, 181
 basin, 202–3
 mountains, 24, 29–30, 73, 77–80, 197–210, 229, 253–6, 260–1
 platform, 200–2
Ardmore syncline, 168
Arkansas, 210, 256–7
Arkoma basin, 210, 256–7
Armorican massif, 3, 161
Arnsbergian, 134
Arundian, 133, 135
Asbian, 133, 136
Askrigg block, 131–4, 157
Asthenosphere, 15
Asturic, 257
Austria, 5–6
Avalonian belt, 79–80, 206–7, 210–1, 235, 239, 245, 248

Back-arc basin, 14, 50, 99–100, 158
Bajocian, 227
Bala fault, 126–7
Barachois Group, 221

Barrandian, 79
Basalt, 5, 34, 37, 106, 200, 219, 235–6
 alkali, 35, 158–9
 tholeiite, 7, 29, 35, 49–50, 158
Bavaria, 11, 99
Bavarian facies, 35–44, 74–5
Beara, 151–5
Belgium, 81, 99
Belle Isle, 207, 220, 223, 228, 240
Benton fault, 92
Benton uplift, 210, 256–7
Berga anticline, 36, 41
Biotite, 52, 54–6, 66–8, 237, 239, 247–8
BIRPS, 261
Birimian, 128
Biscay, Bay of, 76
Blackdene mine, 141–2
Black Forest, 17
Black Warrior basin, 119, 202
Bloody Bluff fault, 205, 234, 239, 246
Blue Ridge, 79, 207–8, 254–6
Bodmin Moor granite, 94–5, 113
Bohemian massif, 3, 8, 73
Bolt Tail, 113
Bonaventure Formation, 201
Boston basin, 204, 236
Boudinage, 40, 47, 49, 51, 153, 237–8, 246–8
Bouguer anomaly, 119–20, 150, 156, 180
Bovey basin, 96
Bow and arrow rule, 96
Braided stream, 233
Branch line, 95–6
Bretonic, 161, 258
Brevard fault, 79, 208
Brigantian, 135–6
Brioverian, 104, 110
Bristol Channel, 76, 81, 98, 177, 181, 224
Brittany, 69, 73–4, 99–100, 161–2
Brittle-ductile transition, 153
Burtreeford disturbance, 141–2
Buttevant, 168, 170–2

Cabot fault, 201, 204, 207
Cadomian, 3, 17, 76, 80, 100, 128, 161
Caledonian, 3–7, 17, 76–7, 80, 126, 180–1, 185–6, 191, 197, 253, 261
 basement, 156, 224
 cleavage, 143, 190
 granites, 139
Cambrian, 5, 25, 34, 47, 69, 203, 219
Canadian shield, 203
 Rocky Mountains, 167, 173, 261
Cannes de Roches Formation, 201
Cannington thrust, 181
Cap Rouge peninsula, 223
Cape Rouge Formation, 221
Cardigan Bay, 180–1
Carrick nappe, 105, 108–10
 thrust, 104–9
Celtic Sea, 72, 119, 123, 125–7, 177, 180, 224–7
Cephalopod, 35

- Chadian, 133, 135–7, 189
 Chambon thrust, 63–9
 Channel Islands, 71, 73
 Charlotte belt, 254–5
 Chateaulin basin, 74, 161–2
 Chéniers, 67–8
 Chert, 35, 103, 210
 Chester, 248
 Cheviot block, 144
 Chlorite, 52, 54–6, 67, 152, 168, 247–8
 Chloritoid, 52, 54, 237, 239
 Church Stretton fault, 126–7
 Cincinnatti dome, 202
 Clare, 189–90
 Cleavage, 40–2, 68, 76, 98, 152–3, 167, 190
 crenulation, 51–2
 pressure solution, 95
 slaty, 42, 93
 Clinton–Newbury fault, 205–6, 246
 Coal, 202, 204
 COCORP, 23–4, 73, 208, 210, 253–61
 Cobequid–Chedabucto fault, 181, 203, 225, 234–5, 240, 249
 Codroy Group, 204, 221
 Collision, 99, 110, 163, 202, 211–2, 241
 Comeragh Mountains, 150, 168, 170
 Conch peninsula, 220, 223
 Condroz thrust, 23–4
 Connecticut, 205, 235, 245–8
 Conodonts, 103
 Coral, 35
 Cordoba–Abrantes shear zone, 4
 Cordierite, 52, 54–6, 67
 Cork, 150–1, 154–6, 167–74, 179
 –Kenmare line, 150, 173
 Syncline, 168, 171–3
 Cornubian batholith, 121–3, 160
 basin, 224, 227
 platform, 119–23
 Cornwall, 71, 73, 93–98, 103–11, 119, 128, 157–61, 205, 228
 Courtmacsherry Formation, 168
 Crack-seal, 152
 Craven basin, 131–7
 fault system, 132–6
 Cretaceous, 119, 121, 228
 Creuse River, 65–8
 Crevant massif, 66
 Crouse Harbour Formation, 221
 Crozant massif, 66
 granite, 66
 Crustal thinning, 161
 Culmination, 97
 Culm Basin, 159–60
 Synclinorium, 93, 98, 160
 Czechoslovakia, 6

 Damara orogen, 80
 Dartmoor, 93, 160
 granite, 94, 113, 115
 Dartmouth, 93, 95
 antiform, 114, 116–7
 Beds, 114, 117, 159
 Decazeville, 57
 Décollement, 121, 125–8, 156, 167, 169, 173, 208–9

 Devils Bit Mountains, 187
 Devil's River uplift, 256
 Devon, 89, 93–8, 113–7, 159–60, 181
 Dextral Shear, 76–7, 79, 156, 160–2, 177–82, 185, 221, 229—*see also* Wrench fault
 Diapir, 33, 228
 Dinantian, 25, 131–6, 139, 156
 Dingle–Dungarvan line, 150, 155, 167, 172, 177–81
 Diorite, 9–10, 49, 236, 239
 Dodman Point, 106
 nappe, 109–10
 thrust, 107–10
 DSDP, 227
 Dungarvan, 177–81
 syncline, 168, 170, 172–3
 Durham coalfield, 140
 Dyke, 157, 189

 ECORS, 261
 Eguzon unit, 63–9
 Eifelian, 103
 Elbe, 8
 Emsian, 25
 England North, 131–7, 139–46, 157, 189, 224
 Southwest, 71, 73, 93–8, 103–11, 113–7, 119–23, 125–8, 157–62, 181, 205, 219, 223–6, 228, 257–60
 English Channel, 73, 98–9, 106–8, 128, 259
 Entropy, 142–3
 Epidote, 247
 Erbendorf line, 10, 37, 44, 75
 Eulengebirge, 33
 Evaporite, 233
 Exmoor thrust, 181
 Extension direction, 95

 Facing direction, 90
 Faille du Midi, 23–4, 258–9
 Fall River fault, 246, 248
 Famennian, 25, 37–8
 Faulting, 154
 en echelon, 132, 135–7, 189
 extension, 98
 listric, 98, 116
 normal, 95, 98, 116, 141, 144–5, 154, 187, 189, 193, 202, 239, 257
 oblique, 189
 reverse, 155, 178—*see also* Thrust
 strike-slip—*see* Wrench
 tear, 95–6, 100, 208, 246—*see also* Wrench
 thrust—*see* Thrust
 Fergus shear zone, 185–93
 Fichtelgebirge, 33, 35–6, 41, 44, 75
 Falmouth, 108
 Florida, 79
 Fluvialite, 233, 236
 Flysch, 4, 14, 89, 98, 103–4, 157–8, 203, 210, 256, 258
 Folding, 37, 40–1, 151–2, 178, 190–2, 221, 236
 back, 95, 116
 box, 170
 chevron, 51, 93, 135
 drag, 38
 en echelon, 132–7, 193
 intrafolial, 246

- isoclinal, 6, 51
 oblique, 108
 pericline, 135
 sheath, 96, 108
 step, 152
 Foredeep, 98
 Fougères unit, 63–4, 67–8
 Foynes, 185, 189–90
 Fracture trace analysis, 142–3
 France, 6–8, 47–58, 63–9, 73–6, 99–100, 161–2, 260
 Frankenberg, 33
 Frankenwald, 35–6, 39, 42
 Frasnian, 104
 Fredericton–Norumbega fault, 201–2, 249
 Fundy, 203

 Gabbro, 9, 34, 49, 208, 219
 Gally Head, 171
 Galty Mountains, 178–9, 187
 Galway Bay, 173
 granite, 190
 Gargilesse unit, 63–9
 thrust, 63–4, 66
 Garnet, 6, 49, 52–6, 67–8, 237, 239, 247–8
 Gaspé, 209
 Gedinnian, 25
 Georgia, 79, 207, 211
 Geothermal gradient, 16, 30, 160
 German Crystalline Rise, 259
 Germany, 4–6, 9–14, 23–9, 33–44, 75–6, 81, 99, 257, 259–60
 Gföhler orthogneiss, 6
 Gibbs fracture zone, 180
 Givetian, 98, 104
 Glandore high, 171, 174
 Gondwanaland, 15, 17, 245, 249–50
 Gortdrum fault, 192
 Gower, 96–7
 Graben, 7, 76, 135, 150, 197, 201–3, 206, 228, 233, 236–7, 239
 Gramscatho Group, 97, 103–6, 108–10, 260
 Basin, 157–61
 Grand Banks, 219, 228–9
 Granite, 9, 30, 42, 47, 49, 66, 208, 219, 235, 239
 S-type, 160, 239
 Granodiorite, 9–10
 Gravity data, 119–23, 132–3, 156, 180–1, 187, 190–1, 211, 224, 227, 256–7, 260
 Great Glen fault, 206, 249
 Great Valley, 207
 Green Mountains, 256
 Grenville, 208, 254, 256
 Gressen nappe, 11
 Groais Island, 221
 Gulf of Mexico, 211
 Gulf of St Lawrence, 200–1

 Hadrynian, 219, 223
 Haig Fras granite, 119–21, 123, 127–8
 Hare Bay, 219–21, 223
 Harvey–Hopewell fault, 233–4
 Harz Mountains, 11, 16, 73
 Hartzburgite, 50
 Haut Allier nappe, 51–3, 55, 57–8

 Haut Limousin nappe, 51, 57–8
 Heat flow, 14, 18
 Helikian, 219
 Hercynite, 56
 Hesperian massif, 5, 7–8
 Hesse, 11
 Holes Venn, 23–5
 Honey Hill fault, 206, 234–5, 239, 245–50
 Hornblende, 6, 9, 67, 247–8
 Horst, 135, 203, 237
 Horton, 203
 Hunsruck, 28–30, 73, 259

 Iapetus ocean, 3, 15, 76–7, 79–81
 suture, 80, 157, 185, 189
 Iberian peninsula, 72, 74, 76
 Ibero–Armorican arc, 73, 219
 Icartian, 100, 110, 128
 Ignimbrite, 50, 200
 Île de Groix, 161–2
 Illinois basin, 202
 Illite crystallinity, 42–3
 Imbrication, 246
 Ireland SW, 81, 96, 126, 149–57, 167–74, 177–81, 224–7
 Central, 185–93
 Irish Sea, 126, 179–80, 226–7
 land mass, 180
 Isograd, 52, 56, 209, 237
 Isopach, 150
 Isotopic age, 30, 34, 205, 239
 ⁴⁰Ar/³⁹Ar, 248
 K–Ar, 8, 10, 14, 68, 97, 106, 158
 Rb–Sr, 4, 6, 8, 10–1, 49, 57, 66
 ⁸⁷Sr/⁸⁶Sr initial ratios, 3, 66
 U–Pb, 3–5
 Iveragh, 154

 Jacksboro fault, 203
 Jennycliff slates, 116–7
 Johnston thrust, 91–3, 97
 Joints, 141
 en echelon, 141
 extension, 141, 145
 shear, 141, 144
 Jurassic, 119

 K-feldspar, 7, 55, 66–8, 247
 Kansas–Nebraska basin, 202
 Kelvin fracture zone, 78
 Kenmere, 150
 Kentucky, 203
 Keratophyre, 34–5, 50
 Kerry, 154, 156
 Kildare, 179
 Killarney, 152, 172–3, 179
 Kiltoran Formation, 168–9
 Kink band, 41, 154, 236–8
 Kinsale, 170
 Formation, 167–9, 172
 Klippe, 117
 Knockmealdown Mountains, 170, 173
 Kossmat's zones, 71–6
 Kyanite, 5, 52–6, 67–8, 247

- Labrador sea/shelf, 219–23, 228–9
 Lacustrine, 233, 236
 Lake Char fault, 234–5, 239, 246–7
 La Marche shear zone, 63–5, 69
 Land's End, 119–21, 226
 Laurasia (Laurussia), 17, 248–50
 Laval basin, 74
 Lead isotopes, 7
 Leptyno-amphibolitic group, 47–50, 57, 67
 Ligerian suture, 14, 18
 Limerick, 189
 Limousin, 55, 57, 69
 Lithosphere, 44, 150
 thinning, 150
 Lizard complex, 71, 74, 93, 95–6, 99, 103, 108,
 157–8, 162, 257, 259–60
 nappe, 110–11
 ophiolite, 93, 98–9, 260
 thrust, 107–10, 160
 Llanoria, 210–2
 Lleyn peninsula, 180
 Logan line, 210
 London–Brabant massif, 26, 30
 Louisiana, 197
 Lyonnais, 55, 57
 Lyons, 8

 Macroom, 171
 Madura body, 121
 Magnetic anomaly, 177, 179–80, 187, 190–1, 207,
 221, 224, 227, 229, 260
 Maine, 199, 245
 Mallow, 167, 170–3, 177, 179
 Malvern, 76, 127
 Malvernian, 126
 Mantle, 28
 Marathon belt, 198
 Margeride granite, 52–3, 56
 Marginal sea basin—*see* Back-arc Basin
 Maritime Canada, 198, 205, 211, 233–41
 Maryland, 79, 208
 Marzan-Trap Mountains, 210
 Massachusetts, 204, 233–6, 245
 Massif Central, 4, 6, 8, 47–58, 63–9, 76, 99
 Mauretaniides, 72
 McKenzie model, 99, 150–1, 156, 161
 Meadfoot Group, 106, 114, 117
 Meguma, 240
 Mélange, 38–9, 103–4, 110, 219
 Menai Straits fault, 126
 Mendips, 98
 Meneage breccia, 103–6, 108–9
 Merrimac Group, 245
 Metamorphism
 Abukuma-type, 17
 amphibolite facies, 5–8, 33, 43, 49, 52, 67, 246–7
 Barrovian, 55, 205–6, 239
 eclogite facies, 5, 7–8, 34–5, 49, 67–9, 74, 99
 granulite facies, 5–8, 16, 47, 50, 55, 74, 99
 greenschist facies, 10, 33, 35, 43, 89, 248
 low pressure/high temperature, 18, 30, 72, 77, 161
 low temperature/high pressure, 161
 retrograde, 56, 247–8
 Michelbach thrust, 10, 16
 Michigan basin, 202

 Mid-German high (crystalline rise), 8–11, 29, 74–5
 Midi fault—*see* Faille du Midi
 Midland Valley of Scotland, 149, 157
 Migmatite, 5–6, 8, 67
 Migmatitic Unit, 63–4, 66–9
 thrust, 63–4, 66
 Millstone Grit, 131
 Minas geofracture, 240
 Mineralization, 141, 145–6, 154, 185, 187–9
 Mississippi, 197, 199, 202
 embayment, 197–8
 Moho, 15, 29, 75, 121–2, 151, 156, 160–1
 Moine thrust, 261
 Molasse, 202, 211
 Moldanubian zone, 10, 16, 18, 28–9, 37, 73, 75, 78,
 99
 granite, 6
 Montagne Noire, 47
 Monzonite, 49, 236
 Monts de Lyonnais, 6
 Morbihan, 8
 Morocco, 79, 181, 206
 Münchberg, 5, 9, 33–44, 74–5
 Munster Basin, 150–6, 172–4, 178, 226–7
 Muscovite, 52, 54–6, 66–8, 247–8
 Mylonite, 4–6, 10–11, 38–9, 47, 50–1, 99, 162, 205,
 239, 245, 247–8
 Mylor slate, 97, 104–6, 109–10

 Namurian, 25, 91–2, 98, 131–3, 135–6, 139, 156–7,
 161, 185, 189–90, 200, 202–3, 224–5, 228, 233
 Nappe, 7, 11, 14, 17, 33, 37, 42–4, 50–4, 63–4, 75,
 104–11, 260
 Narragansett basin, 78, 204–5, 234–6, 239–41
 Pier granite, 205–6, 239
 Navan, 156, 185, 189
 Nenagh block, 185, 191
 New Brunswick, 198–207, 210–1, 233–41
 syncline, 201–2
 New England, 181, 204–5, 210, 229, 233–41,
 245–50
 New York, 199–200, 202–3, 208
 Newfoundland, 78, 181, 199, 204, 206, 209, 228–9,
 233
 Newquay, 114
 Norfolk basin, 201, 236, 239
 Normandy, 73
 North Carolina, 197, 211
 North Curlew Mountains, 187
 North Devon basin, 160
 North Pennine ore field, 139–46
 Northumberland basin, 131, 144
 Nova Scotia, 198–200, 203–6, 211, 229, 234–5

 Obduction, 158
 Odenwald, 9–10, 14, 17
 Old Red Sandstone, 89, 91, 168, 185, 187, 257,
 260–1
 Oligocene, 119
 Olistolith, 89, 104, 133
 Olistostrome, 89, 97, 104
 Olivine, 15
 Ophiolite, 12, 50, 93, 98, 103, 110, 158, 127–8, 211,
 260

- Ordovician, 4–7, 11, 16, 25, 33–5, 38, 40–1, 49, 74,
79, 89, 103–4, 185, 197, 206, 219, 221
- Orphan Knoll, 225, 227–8
- Orsennes massif, 66
- Ouachita belt, 197–8, 200, 208–12, 255–7, 261
- Ougarta orogeny, 182
- Ozark dome, 202
- Palaeocene, 119
- Palaeomagnetism, 97, 163, 206, 209, 249–50
- Pan-African, 80
- Pangea, 248
- Pattaconk Brook fault, 246, 248
- Pembrokeshire, 89–93, 96–8, 177, 179, 181–2
- Pennine block, 131
fault system, 139–40
- Pennsylvania, 199–200, 203, 207–8
- Pentleian, 134–7
- Peridotite, 15, 49
- Permian, 11, 16, 28, 77, 80, 98, 106–8, 116, 119,
131, 144–5, 180–1, 185, 201–2, 204, 235,
240–1, 245, 248, 250
- Perranporth-Pentewan line, 106
- Phengite, 12
- Picton Group, 204–5
- Piedmont, 79, 207–8, 211, 254–6
- Pin Hill, 204–5
- Pine Mountain, 203
- Pinite, 54
- Plagioclase, 52, 54, 247
- Plateau d'Aigurande, 63–9
- Plymouth, 93, 113–5, 160
limestone, 114–5
- Poland, 33
- Polzeath, 95–6, 98, 159
- Porcupine Bank, 180, 219, 224–8
Seabright, 224–5, 227
- Porphyroblast, 56, 247
- Porphyroclast, 247–8
- Portugal, 11, 74
- Prasinite, 34
- Prague syncline, 79
- Precambrian, 33–4, 69, 75, 80, 92, 167, 207, 229,
236, 245
- Pressure solution, 93, 95
- Pressure fringes/shadows, 153, 248
- Prince Edward Island, 198, 201
- Proterozoic, 80
- Pseudotachylite, 51
- Pull-apart basin, 162, 206, 233, 236, 239
- Pyriclastite, 5
- Pyroxene, 15
- Quebec, 199, 209
- Quin shear zone, 188, 191–3
- Radiometric ages—*see* Isotopic ages
- Randschiefer, 35, 40–1
- Red beds, 202, 204, 235–6
- Rheic ocean, 72
- Rheinisches Schiefergebirge, 11–4
- Rhenish Massif, 27–9, 99, 260
- Rhenohercynian zone, 9, 11–4, 16, 18, 73–5, 78, 99,
110, 125, 128, 177, 181, 228, 257–60
- Rhine embayment, 24, 26
- Rhode Island, 198, 203–5, 233–41
- Rhyolite, 236
- Ribband Group, 178
- Ribblesdale fold belt, 131–7, 157, 189
- Riebeckite, 11
- Rifting, 7, 14, 17, 30
- Riedel shears, 141–2, 145, 189, 191, 240
- Ritec thrust, 91–3
- Rogers Pond fault, 246, 248
- Rome trough, 203
- Roseland, 103–6, 110
breccia, 104–6, 108–10
volcanics, 104
- Rossendale block, 131
- Rosslare, 180
- Rotgneiss, 4, 7, 9
- Rouergue, 51–2
- Rusey fault, 95
- Rutile, 52, 55
- Saar, 8–9, 11, 17, 74
- Saar–Nahe trough, 17, 28–9, 259
- Salt, 200, 204
- Saxony, 5, 8, 75
- Saxothuringian zone, 4, 7–9, 14, 16–18, 33–44,
73–80, 99, 257–9
- Schwarzwald, 4, 7–8, 10
- Scilly, Isles of, 119–21
- Scituate basin, 204–5, 236
- Seismic refraction, 108, 116–7, 121, 160, 226, 228
reflection, 23–9, 106–8, 121, 123, 219, 221–8,
253–61
- Sericite, 54, 56
- Serpentinite, 44, 49, 67, 73, 210
- Settle, 132–3
- Shannon River, 185, 190, 192
- Shear zone, 10–11, 64–5, 93, 96–7, 153, 161–2,
179–80, 185–93, 229, 246–8
- Siegenian, 25
- Silesian basin, 226
- Sillimanite, 49, 52, 54–7, 67–8, 247–8
- Silurian, 4–8, 33, 35, 39, 69, 77, 80, 89, 92, 104, 157,
173, 185, 208–9, 221
- Silvermines, 156, 185, 187–9
-Navan fault, 149, 157, 185, 187–8, 191
- Simple shear, 178, 193
- Sioule nappe, 51, 55, 57
- Skarn, 49
- Skipton anticline, 134–5
Rock fault, 134–5
- Slickensides, 38, 95–6, 141, 153, 168, 189
- Slieve Aughty, 186–8, 190, 192–3
- SOQUIP, 209
- South Armorican Shear Zone, 64, 149, 161–2
- South Atlas fault, 72, 206, 245, 249
- South Carolina, 211
- South Western Approaches basin, 119, 123
- Spain, 11
- Spessart, 9–10
- Sphene, 67
- Spilite, 29, 37, 106
- St Anthony basin, 204, 228
- St John's basin, 234–6
- Start complex, 116–7, 259
- Staddon Grits, 115–7

- Stauroilite, 5, 52–6, 67
 Stavelot, 12
 Stephanan, 139, 144–5, 162, 202, 211, 236
 Strain, 5, 95–7, 153, 155
 oblate, 91, 96, 160
 shear, 190, 193
 Stretching lineation, 248
 Strike-slip orogen, 68, 89, 249
 fault—*see* Wrench fault
 Strokestown, 190
 Stromatoporoid, 35
 Subduction, 12–18, 29–30, 73, 75, 158, 163
 Subfluence, 14–15, 75
 Sudetic, 206, 259
 Successor basin, 203
- Taconic, 78, 197, 209, 229, 256, 261
 Tatic fault, 245–8
 Hill Formation, 245–7
 Taurus, 30
 Taylors Brook fault, 219–20, 223, 229
 Tectonic slide, 209
 Teesdale dome, 140, 145
 Tennessee, 199, 203, 207
 Tertiary, 96, 123
 Texas, 256
 Theic ocean, 72, 79
 Thin-skinned tectonics, 89–90, 99, 125–8,
 155–6—*see also* Thrust
 Thick-skinned tectonics, 155–6
 Thuringian facies, 35–44, 74
 Thrust, 12–14, 17, 26, 30, 36–43, 49–52, 56–7,
 63–9, 73–4, 80, 121, 181, 203, 205, 208–10,
 223, 236–7, 240, 256–61
 back, 90, 92, 95, 98, 160
 blind, 117, 125, 156
 culmination, 97
 fault, 144, 154
 footwall ramp, 108–10
 hangingwall ramp, 109–10, 173
 imbricate, 91–2, 117
 lateral ramp, 92, 99, 108–10, 168, 173
 lateral tip, 96–7, 99–100
 oblique, 229
 pin-line, 169
 piggy-back, 91–3, 98
 ramp, 26, 93, 117, 172, 208
 sole, 156, 172–3
 tectonics, 89–90, 95–7, 103–11, 113–7, 125–8,
 161–2, 167–74
 tip line, 125
 Tintagel, 95, 98, 159
 Toe Head Formation, 169
 Torbay, 93, 98, 159
 thrust, 114–5
 Tornquist's line, 72
 Torquay, 96, 113, 117
 Tourmaline, 67
 Tournasian, 38, 133, 135, 185, 187–8, 200, 203, 235
 Transform fault, 210
- Transport direction, 38, 51, 245
 Transpression, 99, 135–7, 154–7, 160–3, 185, 191,
 193
 Trevone basin, 159–60
 Triassic, 106–8, 119, 131, 180–1, 197, 236, 248
 Trondheimite, 47, 49–51, 57
 Truro antiform, 104
 Tulle, 52
 Turbidite, 11, 35, 103–4, 256
 Tynagh, 156, 191
 fault, 187
 Tynehead granite, 140, 143
- Unconformity, 50, 189
 Urach, 28–9
- Valley and Ridge, 207–8, 254–6
 Variscan front, 24, 26, 30, 72, 78, 81, 96, 121,
 125–8, 131, 150, 154, 160, 162, 169, 172–3,
 177–82, 203, 208, 219, 223–9, 258–9, 258–61
 Veins, 140–3, 152–4, 186
 en echelon, 142, 190
 extension, 153–4, 189–93
 Vendée, 8
 Venn, 12, 23–6
 Veryan limestone, 103
 Virginia, 197–9, 203, 208
 Visean, 50, 110, 133, 156, 161, 186, 200, 202, 204,
 206, 228, 233
 Voges, 8, 10
- Waco uplift, 256
 Wales, south, 90–3, 96–8, 169, 177, 179, 181–2,
 205, 224, 227
 Weardale granite, 140, 143–5
 Welsh massif, 26, 30
 Wessex basin, 76
 West African craton, 182
 West Virginia, 203
 Westphalian, 65–6, 68–9, 91–2, 98, 139, 185,
 204–6, 211, 224–5, 235–6, 248–9
 Whin skill & dykes, 139–45
 Wildenfels, 33, 75
 Wildflysch, 35
 Willimantic fault, 245, 248
 Wiltshire, 26, 125
 Windsor, 203–4, 206, 221
 Woonsocket basin, 204–5, 236
 Wrench (strike-slip)
 fault, 77, 93, 99, 141, 144, 154, 169, 178, 189,
 201–2, 206, 223, 233–4, 239
 fault (dextral), 133–7, 141, 154, 158, 167, 181,
 187–8, 193, 202, 206–7, 221, 224, 228,
 237–8, 240, 249
 fault (sinistral), 141, 145, 189, 206–7
 tectonics, 26, 76–7, 133–8, 187–93, 212
- Youghal, 168–9
- Zemmour fault, 181, 249