

Subject Index to Volume 294, No. 1-10

- Abean Orogeny *see* Hercynian Orogeny
- absolute age *see* Ar/Ar
- abyssolith *see* batholiths
- actual age (absolute age) *see* absolute age
- Agnotozoic *see* Proterozoic
- Al *see* aluminum
- Alabama**
 magmas 2: 173-236
- Alaska**
 stratigraphy 4: 485-528
- Alleghany Orogeny**
 Georgia, structural geology 4: 428-448
 Rhode Island, structural geology 7: 861-901
 South Carolina, structural geology 4: 428-448
- Alpine Orogeny**
 Phanerozoic 7: 777-801
- aluminum**
 geochemistry 5: 593-620
- amphibole group** *see also* clinoamphibole
 geochemistry 10: 1229-1289
- amphibolite *see* amphibolites
- amphibolite facies**
 Connecticut, geochemistry 9: 1061-1134
 Norway, geochemistry 9: 1135-1165
- amphibolites**
 geochemistry 5: 593-620; 10: 1229-1289
- anhysteretic remanent magnetization**
 Alaska, stratigraphy 4: 485-528
- anticlines**
 Colorado 7: 802-860
 Wyoming 7: 802-860
- apatite**
 California, geochemistry 1: 92-135
- Appalachian Mountains *see* Appalachians
- Appalachian Phase**
 Maine, plate tectonics 4: 401-427
 Quebec, plate tectonics 4: 401-427
- Appalachians** *see also* Avalon Terrane
 magmas, Blue Ridge Province 2: 173-236
- structural geology, Piedmont 4: 428-448
- aquifers**
 Missouri, metal ores 6: 756-775
- Ar/Ar**
 Arctic region, orogeny 9: 1166-1186
 Georgia, structural geology 4: 428-448
 South Carolina, structural geology 4: 428-448
 Spitsbergen, orogeny 9: 1166-1186
- arcs, island *see* island arcs
- Arctic region *see* Greenland; Svalbard
- Arendal Norway**
 geochemistry 9: 1135-1165
- argon-argon *see* Ar/Ar
- Asia *see* Far East
- Atlantic-type margins *see* passive margins
- atmosphere *see* greenhouse effect; paleoatmosphere
- Atomfjella Complex**
 orogeny 9: 1166-1186
- Augusta fault zone**
 structural geology 4: 428-448
- Australasia *see* New Zealand
- Avalon Terrane**
 plate tectonics 4: 401-427
- Bamble Norway**
 geochemistry 9: 1135-1165
- Banner Mountain**
 structural geology 7: 802-860
- barometry, geologic *see* geologic barometry
- basalts**
 geochemistry 10: 1229-1289
- basculating faults *see* wrench faults
- basement tectonics**
 Colorado 7: 802-860
 Wyoming 7: 802-860
- Basin and Range Province**
 heat flow 3: 307-336
- basins**
 sedimentary petrology 6: 713-755
 Virginia, Ordovician 2: 237-255

- batholiths**
 Alabama 2: 173-236
 California, geochemistry 1: 92-135
 Big Horn Mountains *see* Bighorn Mountains
- Big Thompson Anticline**
 structural geology 7: 802-860
- Bighorn Mountains**
 structural geology 7: 802-860
- biodegradation** 4: 485-528
- Bishop Tuff**
 geochemistry 1: 92-135
- black lead *see* graphite
- bloating shale *see* shale
- block clay *see* melange
- block structures**
 Phanerozoic 7: 777-801
- Blue Ridge Province**
 magmas 2: 173-236
- Bonnetterre Formation**
 metal ores 6: 756-775
- boudinage**
 Rhode Island, structural geology 7: 861-901
- Boundary Mountains**
 plate tectonics 4: 401-427
- brines**
 Colorado 10: 1189-1228
 Missouri 6: 756-775
 Utah 10: 1189-1228
- brittle deformation *see* cataclasis
- brittle fracture *see* brittle deformation
- Broadlands**
 fluid inclusions 3: 361-400
- C-13/C-12**
 Alaska, stratigraphy 4: 485-528
 New Mexico, Quaternary 5: 621-640
 New Zealand, fluid inclusions 3: 361-400
 Norway, geochemistry 9: 1135-1165
- calcite**
 New Zealand, fluid inclusions 3: 361-400
 Norway, geochemistry 9: 1135-1165
 7: 777-801
- Caledonides**
 orogeny 9: 1166-1186
- California** *see also* **Monterey Formation**
 geochemistry
 Long Valley Caldera 1: 92-135
 Sierra Nevada Batholith 1: 92-135
- Cambrian**
 Alabama 2: 173-236
- Bonnetterre Formation, metal ores 6: 756-775
- Camp Rice Formation**
 Quaternary 5: 621-640
- Canada *see* Eastern Canada
- carbon**
 C-13/C-12
 Alaska 4: 485-528
 New Mexico 5: 621-640
 New Zealand 3: 361-400
 Norway 9: 1135-1165
- carbon dioxide** *see also* **greenhouse effect**
 New Zealand, fluid inclusions 3: 361-400
- carbonate rocks *see* limestone
- carbonates** *see also* **calcite; siderite**
 New Mexico, Quaternary 5: 621-640
 Phanerozoic 1: 56-91
- Carboniferous *see* Pennsylvanian
- carnallite**
 Colorado, non-metal deposits 10: 1189-1228
 Utah, non-metal deposits 10: 1189-1228
- Cascade Orogeny**
 structural geology 3: 257-306
- Casper Mountain**
 structural geology 7: 802-860
- cataclasis**
 Washington, structural geology 3: 257-306
- Celtic Terrane**
 plate tectonics 4: 401-427
- Cenozoic *see* Quaternary; Tertiary
- central granite *see* batholiths
- chain silicates *see* amphibole group
- chalybite *see* siderite
- chemically precipitated rocks *see* evaporites
- China**
 heat flow, Qinghai-Xizang Plateau 3: 307-336
- chlorapatite**
 California, geochemistry 1: 92-135
- chlorides *see* carnallite; sylvite
- Clark Hill Quadrangle**
 structural geology 4: 428-448
- clastic rocks *see* mudstone; sandstone; shale; siltstone
- clay**
 California 2: 137-172
- clay minerals *see* illite; smectite

- cleavage**
 Washington, structural geology 3: 257-306
- climatology, paleo- *see* paleoclimatology
- clinoamphibole *see* hornblende; tremolite; tschermakite
- CMASH**
 geochemistry 10: 1229-1289
- CO₂ *see* carbon dioxide
- Colorado** *see also* **Hermosa Formation; Paradox Basin**
 structural geology, Moffat County Colorado 7: 802-860
- common mica *see* muscovite
- compression tectonics**
 Colorado 7: 802-860
 Wyoming 7: 802-860
- condensation** 3: 361-400
- Connecticut**
 geochemistry, New Haven County Connecticut 8: 989-1057; 9: 1061-1134
- Connecticut Valley**
 geochemistry 8: 989-1057
- contact metamorphism**
 Greenland, geochemistry 5: 529-592
- continental crust**
 China 3: 307-336
 Maine 4: 401-427
 Quebec 4: 401-427
- crenulation cleavage *see* slip cleavage
- Cretaceous**
 Alaska 4: 485-528
 Washington 3: 257-306
- cross folds *see* superposed folds
- crust**
 continental crust
 China 3: 307-336
 Maine 4: 401-427
 Quebec 4: 401-427
- crustal shortening**
 China, heat flow 3: 307-336
 Georgia, structural geology 4: 428-448
 South Carolina, structural geology 4: 428-448
 Washington, structural geology 3: 257-306
- crystal growth**
 Connecticut, geochemistry 9: 1061-1134
- crystalline limestone *see* marbles
- D/H**
 New Zealand, fluid inclusions 3: 361-400
- decompression**
 China, heat flow 3: 307-336
- deformation *see* boudinage; extension tectonics
- Devonian**
 Connecticut 8: 989-1057; 9: 1061-1134
 Gile Mountain Formation, petrology 8: 905-988
- diagenesis**
 4: 449-484; 6: 713-755
 Alaska, stratigraphy 4: 485-528
 California 2: 137-172
- diaphoresis *see* retrograde metamorphism
- diffusion** 1: 1-55
- diorites *see* tonalite
- dolomitization**
 Colorado, non-metal deposits 10: 1189-1228
 Utah, non-metal deposits 10: 1189-1228
- Dona Ana County New Mexico**
 Quaternary 5: 621-640
- drape folds**
 Colorado 7: 802-860
 Wyoming 7: 802-860
- Eastern Canada *see* Maritime Provinces; Quebec
- economic geology *see* brines; evaporite deposits; metal ores; petroleum; potash; shale
- Elkahatchee Quartz Diorite**
 magmas 2: 173-236
- engineering, petroleum *see* petroleum engineering
- epidote group *see* zoisite
- EQUIL**
 non-metal deposits 10: 1189-1228
- erosion**
 Maine, plate tectonics 4: 401-427
 Phanerozoic 7: 777-801
 Quebec, plate tectonics 4: 401-427
- Europe *see* Western Europe
- eustacy *see* isostasy
- eustasy *see* eustacy
- evaporite deposits**
 Colorado 10: 1189-1228
 Utah 10: 1189-1228
- evaporites *see* potash
- extension tectonics**
 China, heat flow 3: 307-336
 Georgia 4: 428-448
 South Carolina 4: 428-448
- facies *see* amphibolite facies; granulite facies

