

- 1451; post-Cretaceous, 1577; post-Eocene, 1588
- Metasomatism**, 988 *note*
- Metastasis**, 988 *note*
- Meteoric dust in deep-sea deposits**, 125, 768
- Meteorites**, 27, 31, 125
- Methylosis**, 988 *note*
- Meudon marl**, 1604
- Meuse**, sediment in the, 650
- Miarolitic**, 209
- Miascite**, 285
- Mica**, 134, 152
- Mica-phyllite**, 309
- Mica-psammite**, 231
- Mica-schist**, 305*, 306, 309, 311*, 317, 323
- Mica-syenite**, 285
- Mica-trap**, 286
- Micaceous composition**, 186
— lustre, 134, 191
- Micasization**, 1024
- Michelinia**, 1343
- Michigan**, Lake, area of, 1727; dunes of, 571
- Mickwitzia**, 1222
- Micrabacia**, 1526
- Micraster-zone**, 1544, 1556, 1558
- Microbrachis**, 1401
- Microchœrus**, 1592
- Microcline**, 132
- Micro-crystalline structure**, 174
- Microdiscus**, 1205*
- Microfelsitic structure**, 211
- Microgranite**, 278
- Microgranitic structure**, 175, 210
- Microgranulitic structure**, 210
- Microlestes**, 1432
- Microlites**, 119, 205, 206
- Microlitic rocks**, 271
- Micromerite**, 175
- Micropegmatitic structure**, 175*, 210, 275, 1162
- Micropertite**, 320
- Micropholis**, 1431
- Micropora**, 1527
- Microscope, petrographical**, 168
- Microscopic investigation**, 161
— characters of rocks, 192, 194, 208
- Microspherulitic structure**, 211
- Micro-syenite**, 285
- Microtherium**, 1639
- Midford Sand**, 1482, 1489
- Miliola**, 1606
- Millerierinus**, 1493
- Millipedes, fossil**, 1367
- Millstone Grit**, 871, 1365, 1377
- Mimoceras**, 1299
- Mimosa**, 1633
- Mine, deepest, in Britain**, 96
- Minerals, chief rock-forming**, 119; essential or accessory, 120; original and secondary, 120; formed on sea-floor, 769; production of, in contact-metamorphism, 1000; sequence of, in contact-metamorphism, 1040; in regional metamorphism, 1024; production of new, 549; artificial production of, 525; supposed sequence of, in schists, 1139
- Mineralizing agents**, 527–529
- Mineral vines**, 910, 1051
- Minette**, 285
- Miocene, defined**, 1583
- Mioceno formations, general characters of**, 1631; flora of, 1632; fauna, 1633; in France, 1637; in Belgium, 1638; in Germany, 1638; in the Vienna basin, 1639; in Switzerland, 1642; in Italy, 1643; in Greenland and Spitzbergen, 1643; in India, 1644; in North America, 1645; in Australia, 1645
- Miohippus**, 1645
- Mississippi, area of basin of**, 775; discharge of the, 633; mineral matter dissolved in, 643, 778; rafts of,