

- Vegetation, terrestrial, transport and deposit of by sea, 763, 766
- Veins and dikes, 958; contemporaneous, 177, 959, 962, 965*; segregation, 177, 959, 963; intrusive, 959; of granite, 275*, 277, 959; of lava, 357
- Veins, mineral, 1051; variations in breadth, 1051; structure and contents, 1053, 1054; successive infilling of, 1055; pebbles and shells in, 1056; connection with faults, 1056, 1057; relation to surrounding rocks, 1058; decomposition and recompaction in, 1059; origin of, 1062
- Vein-quartz, 268
- Vein-stones, 1053
- Venarensis-zone of Ammonites, 1507
- Ventriculites, 1523*
- Vents, volcanic, 432, 433, 969, 1371; frequent independence of lines of fault, 972
- Venus, 1528, 1637, 1666
- Venus, density of planet, 24
- Vermetus, 1606, 1655
- Vermilia, 1344, 1485
- Vermilion series, 1196
- Verrucano, 1386, 1410
- Vertebraria, 1415
- Vertebrata, fossilization of, 1078; first traces of, 1242
- Verticellites, 1426
- Verticordia, 1655
- Vesicular structure, 181, 339, 387
- Vesulian sub-stage, 1505
- Vesuvianite, 138
- Vesuvius, volcanic phenomena of, 334, 335, 336, 341, 344, 345, 347, 350, 352, 353, 354, 355, 356, 360, 361*, 364, 366, 370, 371*, 372*, 375, 377, 381*, 383, 384, 385, 387, 388, 390, 392, 393, 395, 414, 417, 423*, 424, 426
- Viburnum, 1522, 1605, 1623
- Vicarya, 1548
- Vicksburg beds, 1630
- Victoria, 1588
- Victoria (*see Australasia*)
- Vienna sandstone, 1570, 1587, 1609
— Tertiary basin, 1629, 1640, 1669
- Villafranchian group, 1666
- Vincularia, 1344, 1527
- Vines, fossil, 1617
- Virgatus-zone of Ammonites, 1515
- Virginian group, 1645
- Virgulian sub-stage, 1497, 1503, 1509
- Viridite, 218
- Viscosity of earth's interior, 101, 105
- Vishnutherium, 1674
- Visingsö group, 1191
- Vitreous defined, 119
— lustre, 191
— structure, 178, 270
- Vitreous acid rocks, 281
- Vitrina, 1615
- Viverra, 1651
- Vivianite, 143, 1081
- Viviparus, 1578, 1597, 1619
- Volborthella, 1222
- Volcanello, Isle of, 415*, 423
- Volcanic action, 327, 344; sites of, 346; connection of, with faults, 348; influence of atmospheric pressure on, 350; supposed connection of, with sun-spots, 351; paroxysmal phase of, 353; produces earthquakes, 354, 473; gives rise to fissures, 355; influence of gases and vapors in, 356, 389, 399, 410; geological history of, 441; causes of, 447; subterranean phases of, 930, 946, 957; materials for history of, 933, 980; subsidence connected with, 974; quiescence of, in Mesozoic time, in Europe, 981; destructive effects of, on marine life, 1075; connected with mountain-making,