

- Unimak Island, Alaska, volcanoes of, 273-276.
Union, Mt., Ore., height of, 234.
United States, volcanoes of, 190-283.
Utah, volcanic crater of, 198-205.
- Valmont, Col., volcanic cones near, 259.
Vancouver, Capt., estimate of the height of Mt. Hood by, 238.
Van Hise, C. R., cited on cavities in the earth, 309.
Van Trump, P. B., ascent of Mt. Rainier by, 242.
Vera Cruz, Mex., fall of volcanic dust in, 160.
Verbeek, R. D. M., cited on eruption of Krakatoa, 28.
Vesuvian stage of volcanoes, briefly defined, 9.
Vesuvius, gases given off by, 51; description of, 7-22; mention of, 1; structure of, illustrated, 87.
Victoria Plains, Australia, sound of eruption of Krakatoa heard at, 27.
Volcanic bombs, nature and origin of, 73, 74; dust, deposits of, 284-290; rocks, definition of, 95; necks, mention of, 93; necks, nature and origin of, 89, 90.
- Washington, deposits of volcanic dust in, 287.
Weathering, nature of, 91.
Whymper, E., cited on eruption of dust from Cotopaxi, 77-79.
Williams, E. H., cited on andesite, 124; reference to book by, 115.
Wilson, A. D., ascent of Mt. Rainier by, 242.
Winchell, W. H., cited on volcanic dust, 289.
Wrangell, Mt., Alaska, brief account of, 269, 270.
- Xinantecatl, Mex., description of, 184.
- Yakima, Wash., section of rocks near, 252, 253.
Yemans, H. W., cited on Bogosloff, 278.
Young volcanoes, descriptions of, 139-150.