

- Turcotte, D. L., and G. Schubert, Geodynamics: Applications of Continuum Physics to Geological Problems, 450 pp., John Wiley, New York, 1982.
- Turner, J. S., Buoyancy Effects in Fluids, 367 pp., Cambridge University Press, New York, 1979.
- Varekamp, J. C., J. F. Luhr, and K. L. Prestegard, The 1982 eruptions of El Chichon volcano (Chiapas, Mexico): Character of the eruptions, ash-fall deposits, and gasphase, J. Volcanol. Geotherm. Res., **23**, 39-68, 1984.
- Walker, G. P. L., Explosive volcanic eruptions; A new classification scheme, Geol. Rundsch., **62**, 431-446, 1973.
- Walker, G. P. L., The Taupo pumice: Produce of the most powerful known (ultra-Plinian) eruption?, J. Volcanol. Geotherm. Res., **8**, 69-94, 1980.
- Walker, G. P. L. and R. Croasdale, Two Plinian-type eruptions in the Azores, J. Geol. Soc. London, **127**, 17-55, 1971.
- Walker, G. P. L., S. Self, and L. Wilson, Tarawera, 1886, New Zealand—a basaltic Plinian fissure eruption, J. Volcanol. Geotherm. Res., **21**, 61-78, 1984.
- Washburn, E. W., C. J. West, and N. E. Dorsey (Eds.), International Critical Tables, McGraw-Hill, New York, 1926.
- Weertman, J., Theory of water-filled crevasses in glaciers applied to vertical magma transport beneath oceanic ridges, J. Geophys. Res., **76**, 1171-1183, 1971.
- Weertman, J., Height of mountains on Venus and the creep properties of rock, Phys. Earth Planet. Inter., **19**, 197-207, 1979.
- Whitford-Stark, J. L., Factors influencing the morphology of volcanic landforms: An earth-moon comparison, Earth Sci. Rev., **18**, 109-168, 1982.
- Williams, S. N., Plinian airfall deposits of basaltic composition, Geology, **11**, 211-214, 1983.
- Williams, S. N., and S. Self, The October 1902 Plinian eruption of Santa Maria volcano, Guatemala, J. Volcanol. Geotherm. Res., **16**, 33-56, 1983.
- Wilson, C. J. N., The role of fluidisation in the emplacement of pyroclastic flows: An experimental approach, J. Volcanol. Geotherm. Res., **8**, 231-249, 1980.
- Wilson, C. J. N., The role of fluidisation in the emplacement of pyroclastic flows, 2, Experimental results and their interpretation, J. Volcanol. Geotherm. Res., **20**, 55-84, 1984.
- Wilson, L., Explosive volcanic eruptions, III, Plinian eruption columns, Geophys. J. R. Astron. Soc., **45**, 543-556, 1976.
- Wilson, L., Relationships between pressure, volatile content and ejecta velocity in three types of volcanic explosion, J. Volcanol. Geotherm. Res., **8**, 297-313, 1980.
- Wilson, L., and J. W. Head, The formation of eroded depressions around the sources of lunar sinuous rilles: Theory (abstract), Lunar Planet. Sci. XI, 1260-1262, 1980.
- Wilson, L., and J. W. Head, Ascent and eruption of basaltic magma on the earth and moon, J. Geophys. Res., **80**, 2971-3001, 1981.
- Wilson, L., and J. W. Head, A comparison of volcanic eruption processes on earth, moon, Mars, Io and Venus, Nature, **302**, 663-669, 1983.
- Wilson, L., and P. J. Mouginiis-Mark, Martian sinuous rilles (abstract), Lunar Planet. Sci. XV, 926-927, 1984.
- Wilson, L., R. S. J. Sparks, T. C. Huang, and N. D. Watkins, The control of eruption column heights by eruption energetics and dynamics, J. Geophys. Res., **83**, 1829-1836, 1978.
- Wilson, L., R. S. J. Sparks, and G. P. L. Walker, Explosive volcanic eruptions, IV, The control of magma properties and conduit geometry on eruption column behavior, Geophys. J. R. Astron. Soc., **63**, 117-148, 1980.
- Wilson, L., J. W. Head, and P. J. Mouginiis-Mark, Theoretical analysis of martian volcanic eruption mechanisms, Proceedings: The Planet Mars, Eur. Space Agency Spec. Publ. SP-185, 107-113, 1982.
- Wood, C. A., Venus volcanism: Environmental effects on style and landforms, NASA Tech. Memo. TM-80339, 244-246, 1979.
- Wood, C. A., Caleras: A planetary perspective, J. Geophys. Res., **89**, 8391-8406, 1984.
- Wood, J. A., W. R. Buck, E. Anders, J. W. Morgan, E. Stopler, D. L. Anderson, W. M. Kaula, G. J. Consolmagno, A. E. Ringwood, and H. Wanke, Geophysical and cosmochemical constraints on properties of mantles of the terrestrial planets, in Basaltic Volcanism on the Terrestrial Planets, Basaltic Volcanism Study Project, pp. 633-699, Pergamon, New York, 1981.

J. W. Head, III, Department of Geological Sciences, Brown University, Providence, RI 02912.

L. Wilson, Department of Environmental Science, University of Lancaster, Lancaster LA1 4YQ, England.

(Received April 25, 1985;
revised February 12, 1986;
accepted February 14, 1986.)