Neukum G, Jaumann R. 2004. HRSC: The High Resolution Stereo Camera on Mars Express. In Mars Express: the Scientific Payload. Wilson A (ed). ESA SP-1240; 17–35.

Pain CF, Clarke JDA, Thomas M. 2007. Inversion of relief on Mars. *Icarus* **190**: 478–491.

Sakimoto SEH, Frey HV, Garvin JB, Roark JH. 1999. Topography, roughness, layering, and slope properties of the Medusae Fossae Formation from Mars Orbiter Laser Altimeter (MOLA) and Mars Orbiter Camera (MOC) data. *Journal of Geophysical Research* **104**: 22,154–24,141.

Sayles RW. 1931. Bermuda during the ice age. *Proceedings of the American Academy of Arts and Sciences* **66**: 381–468.

Schultz PH. 2002. Uncovering Mars. *Lunar and Planetary Science Conference* **38**: Abs. 1790.

Schultz PH, Lutz AB. 1988. Polar wandering of Mars. *Icarus* **73**: 91–141.

Scott DH, Tanaka KL. 1982. Ignimbrites of Amazonis Planitia region of Mars. *Journal of Geophysical Research* **87**: 1179–1190.

Scott, DH, Tanaka KL. 1986. Geologic map of the western equatorial region of Mars. USGS Miscellaneous Investigations Series Map I-1802-A, scale 1:15 M.

Sharp RP. 1963. Wind ripples. *Journal of Geology* **71**: 617–636.

Silvestro S, Fenton LK, Vaz DA, Bridges NT, Ori GG. 2010. Ripple migration and dune activity on Mars: evidence for dynamic wind processes. *Geophysical Research Letters* **37**: L20203. DOI: 10.1029/2010GL044743

Squyres SW, Arvidson RE, Bell JF, Brückner J, Cabrol NA, Calvin W, Carr MH, Christensen PR, Clark BC, Crumpler L, Des Marais DJ, d'Uston C, Economou T, Farmer J, Farrand W, Folkner W, Golombek LM, Gorevan S, Grant JA, Greeley R, Grotzinger J, Haskin L, Herkenhoff KE, Hviid S, Johnson J, Klingelhöfer G, Knoll AH, Landis G, Lemmon M, Li R, Madsen MB, Malin MC, McLennan SM, McSween HY, Ming DW, Moersch J, Morris RV, Parker T, Rice JW, Richter L, Rieder R, Sims M, Smith M, Smith P, Soderblom LA, Sullivan R, Wänke H, Wdowiak T, Wolff M, Yen A. 2004. The Opportunity Rover's Athena science investigation at Meridiani Planum, Mars. *Science* **306**: 1698–1703.

Sullivan R, Arvidson R, Bell JF, Golombek M, Guinness E, Greeley R, Herkenhoff K, Johnson J, Squyres S, Thompson S, Whelley P, Wray J. 2008. Wind-driven particles mobility on Mars: insights from MER observations at 'El Dorado' and surroundings at Gusev Crater. *Lunar and Planetary Science Conference* **39**: Abs. 2092.

Tanaka KL. 2000. Dust and ice deposition in the martian geologic record. *Icarus* **144**: 254–266.

Thomas PC, Malin MC, Carr MH, Danielson GE, Davies ME, Hartmann WK, Ingersoll, AP, James PB, McEwen AS, Soderblom LA, Veverka J. 1999. Bright dunes on Mars. *Nature* **397**: 592–594.

Ward AW. 1979. Yardangs on Mars: evidence of recent wind erosion. *Journal of Geophysical Research* **84**: B14.

Ward AW, Greeley R. 1984. Evolution of the yardangs at Rogers Lake, California. *Geological Society of America Bulletin* **95**: 829–837.

Wentworth CK. 1922. A scale of grade and class terms for clastic sediments. *Journal of Geology* **30**: 377–392.

Werner SC. 2006. Major Aspects of the Chronostratigraphy and Geologic Evolutionary History of Mars. PhD dissertation, Fachbereich Geowissenschaften Freie Universität, Berlin. www.diss.fu-berlin.de/2006/33/indexe.html

Whitney MI. 1983. Eolian features shaped by aerodynamic and vorticity processes. In *Eolian Sediments and Processes*, Brookfield ME, Ahlbrandt TS (eds). Elsevier: Amsterdam; 223–245.

Whitney MI. 1985. Yardangs. *Journal of Geological Education* **33**: 93–96.

Wilson SA, Zimbelman JR. 2004. Latitude-dependent nature and physical characteristics of transverse aeolian ridges on Mars. *Journal of Geophysical Research* **109**: E10003. DOI:10.1029/2004JE002247

Zimbelman, JR. 2010. Transverse aeolian ridges on Mars: first results from HiRISE images. *Geomorphology* **121**: 22–29. DOI: 10.1016/j.geomorph.2009.05.012

Zimbelman JR, Griffin LJ. 2010. HiRISE images of yardangs and sinuous ridges in the lower member of the Medusae Fossae Formation, Mars. *Icarus* **205**: 198–210.

Zimbelman JR, Crown DA, Grant JA, Hooper DM. 1997. The Medusae Fossae Formation, Amazonis Planitia, Mars: evolution of proposed hypotheses of origin. *Lunar and Planetary Science Conference* **28**: Abs. 1482.

Zimbelman JR, Irwin RP, Williams SH, Bunch F, Valdez A, Stevens S. 2009. The rate of granule ripple movement on Earth and Mars. *Icarus* **203**: 71–76.