

REFERENCES CITED

- Bird, Peter, 2003, An updated digital model of plate boundaries: *Geochemistry, Geophysics, Geosystems*, v. 4, no. 3, 52 p., available only online at <http://www.agu.org/journals/gc/gc0303/2001GC000252/>
- Bouysse, Philippe, and others, 2000, Geological map of the world (Carte géologique du monde) (2d ed.): Paris, Commission for the Geological Map of the World and UNESCO, 3 sheets, scale 1:25,000,000. (In English and French. Also available on CD-ROM.)
- Carbotte, S.M., and Scheirer, D.S., 2004, Variability of ocean crustal structure created along the global mid-ocean ridge, *in* Davis, E., and Elderfield, H., eds., *Hydrogeology of the oceanic lithosphere*: Cambridge, U.K., Cambridge University Press, p. 59-107.
- Collier, Michael, 1999, *A land in motion; California's San Andreas fault*: Berkeley, University of California Press, 128 p.
- DeMets, Charles, Gordon, R.G., Argus, D.F., and Stein, Seth, 1994, Effect of recent revisions to the geomagnetic reversal time scale on estimates of current plate motions: *Geophysical Research Letters*, v. 21, no. 20, p. 2191–2194.
- Engdahl, E.R., and Villaseñor, A., 2002, Global seismicity: 1900–1999, *in* Lee, W.H.K., Kanamori, H., Jennings, P.C., and Kisslinger, C., eds., *International handbook of earthquake and engineering seismology*: Boston, Academic Press, p. 665–690.
- Goodwin, A.M., 1991, *Precambrian geology; The dynamic evolution of the continental crust*: London, Academic Press, 666 p.
- Gordon, R.G., 2000, Diffuse oceanic plate boundaries; Strain rates, vertically averaged rheology, and comparisons with narrow plate boundaries and stable plate interiors, *in* Richards, M.A., Gordon, R.G., and van der Hilst, R.D., *The history and dynamics of global plate motions: American Geophysical Union Geophysical Monograph 121*, p. 143–159.
- Grieve, R.A.F., 1998, Extraterrestrial impacts on Earth; The evidence and the consequences, *in* Grady, M.M., Hutchison, R., McCall, G.J.H., and Rothery, D.A., eds., *Meteorites; Flux with time and impact effects: Geological Society [of London] Special Publication 140*, p. 105–131.
- Izett, G.A., and Wilcox, R.E., 1982, Map showing localities and inferred distributions of the Huckleberry Ridge, Mesa Falls, and Lava Creek ash beds (Pearlette family ash beds) of Pleistocene age in the western United States and southern Canada: U.S. Geological Survey Miscellaneous Investigations Series Map I-1325, scale 1:4,000,000.
- Kárason, Hrafnkell, and van der Hilst, R.D., 2000, Constraints on mantle convection from seismic tomography, *in* Richards, M.A., Gordon, R.G., and van der Hilst, R.D., eds., *The history and dynamics of global plate motions: American Geophysical Union Geophysical Monograph 121*, p. 277–288.
- Kious, W.J., and Tilling, R.I., 1996, *This dynamic Earth: The story of plate tectonics*: Reston, Va., U.S. Geological Survey General Interest Publication, 77 p. (Also available online at <http://pubs.usgs.gov/publications/text/dynamic.html>)
- Müller, R.D., Roest, W.R., Royer, J.-Y., Gahagan, L.M., and Sclater, J.G., 1997, Digital isochrons of the world's ocean floor: *Journal of Geophysical Research (Solid Earth and Planets)*, v. 102, v. B2, p. 3211–3214.
- Pearce, Julian, 2002, The oceanic lithosphere: *JOIDES Journal*, v. 28, no. 1, p. 61–66.
- Pierce, K.L., and Morgan, L.A., 1992, The track of the Yellowstone hot spot; Volcanism, faulting, and uplift, chap. 1 *of* Link, P.K., Kuntz, M.A., and Platt, L.B., eds., *Regional geology of eastern Idaho and western Wyoming: Geological Society of America Memoir 179*, p. 1–53, 1 oversized pl.
- Scotese, C.R., 2001, Digital paleogeographic map archive on CD-ROM (PALEOMAP Project): Arlington, Tex, 1 disc.
- Shoemaker, E.M., and Shoemaker, C.S., 1999, The role of collisions, chap. 6 *of* Beatty, J.K., Petersen, C.C., and Chailkin, A. *The new solar system*: New York, Cambridge University Press, p. 69-86.
- Simkin, Tom, Unger, J.D., Tilling, R.I., Vogt, P.R., and Spall, Henry, 1994, *This dynamic planet; World map of volcanoes, earthquakes, impact craters, and plate tectonics*: U.S. Geological Survey, scale 1:30,000,000. (Also available online at <http://pubs.usgs.gov/pdf/planet.html>)
- U.S. Geological Survey, 1997, GTOPO30: U.S. Geological Survey Web Site, available at <http://edcdaac.usgs.gov/gtopo30/gtopo30.asp> (accessed June 11, 1997).

Zhao, Dapeng, Hasagawa, Akira, and Horiuchi, Shigeki, 1992, Tomographic imaging of *P* and *S* wave velocity structure beneath northeastern Japan: *Journal of Geophysical Research (Solid Earth and Planets)*, v. 97, no. B13, p. 19,909–19,928.

SELECTED REFERENCES

- Bamber, J.L., Layberry, R.L., and Gogenini, S.P., 2001, A new ice thickness and bed data set for the Greenland ice sheet: *Journal of Geophysical Research (Atmospheres)*, v. 106, no. D24, p. 33,773–33,788.
- Cormier, Marie-Hélène, Ryan, W.B.F., Shah, A.K., Jin, Wen, Bradley, A.M., and Yoerger, D.R., 2003, Waxing and waning volcanism along the East Pacific Rise on a millennium time scale: *Geology*, v. 31, no. 7, p. 633–636.
- Cox, Allan, and Hart, R.B., 1986, *Plate tectonics; How it works*: Palo Alto, Calif., Blackwell Scientific Publications, 392 p.
- Decker, Robert, and Decker, Barbara, 1998, *Volcanoes (3d ed.)*: New York, W.H. Freeman and Company, 320 p.
- Foulger, G.A., Natland, J.H., Presnal, D.C., and Anderson, D.L., eds., 2005, *Plates, plumes, and paradigms*: Boulder, Colo., Geological Society of America Special Volume 388, 881 p. (see also <http://www.mantleplumes.org>).
- French, B.M., 1998, *Traces of catastrophe; A handbook of shock-metamorphic effects in terrestrial meteorite impact structures*: Houston, Tex., Lunar and Planetary Institute, LPI Contribution No. 954, 120 p.
- Gripp, A.E., and Gordon R.G., 2002, Young tracks of hotspots and current plate velocities: *Geophysical Journal International*, v. 150, no. 2, p. 321–361.
- Hough, S.E., 2002, *Earthshaking science; What we know (and don't know) about earthquakes*: Princeton, N.J., Princeton University Press, 238 p.
- Jakobsson, Martin, Grantz, Arthur, Kristoffersen, Yngve, and Macnab, Ron, 2003, Physiographic provinces of the Arctic Ocean seafloor: *Geological Society of America Bulletin*, v. 115, p. 1443–1455.
- Johnston, A.C., 1996, Seismic moment assessment of earthquakes in stable continental regions-II. Historical seismicity: *Geophysical Journal International*, v. 125, p. 639–678.
- Kearey, Philip, and Vine, F.J., 1996, *Global tectonics (2d ed.)*: Oxford, Blackwell Science Ltd., 333 p.
- Kleinrock, M.C., and Humphris, S.E., 1996, Structural asymmetry of the TAG rift valley; Evidence from a near-bottom survey for episodic spreading: *Geophysical Research Letters*, v. 23, no. 23, p. 3439–3442.
- Lee, W.H.K., Kanamori, Hiroo., Jennings, P.C., and Kisslinger, Carl., eds., 2002, *International handbook of earthquake and engineering seismology. Part A*: Boston, Academic Press, 933 p.
- Luhr, J.F., ed., 2003, *Earth*: New York, Dorling Kindersley, 520 p.
- Palmer, A.R., 1989, *The Earth has a history*: Boulder, Colo., Geological Society of America, 20-minute videocassette with 7-p. supplemental teacher's manual.
- Redfern, Ron, 2001, *Origins; The evolution of continents, oceans, and life*: Tulsa, University of Oklahoma Press, 360 p.
- Scotese, C. R., 2001, Paleogeography, v. 1 of *Atlas of Earth history (PALEOMAP Project)*: Arlington, Tex., 52 p. (Available online at <http://www.scotese.com/>)
- Siebert, Lee, and Simkin, Tom, 2002–, *Volcanoes of the world: An illustrated catalog of Holocene volcanoes and their eruptions*: Smithsonian Institution, Global Volcanism Program Digital Information Series GVP–3. (Available online at <http://www.volcano.si.edu/world/>)
- Sigurdsson, Haraldur, ed., 2000, *Encyclopedia of volcanoes*: San Diego, Academic Press, 1417 p.
- Simkin, Tom, and Siebert, Lee, 1994, *Volcanoes of the world; A regional directory, gazetteer, and chronology of volcanism during the last 10,000 years*: Phoenix, Ariz., Geoscience Press, 368 p.
- Smith, W.H.F., and Sandwell, D.T., 1997, Global sea floor topography from satellite altimetry and ship depth soundings: *Science*, v. 277, p. 1957–1962.
- Stein, Seth, and Wysession, Michael, 2003, *An introduction to seismology, earthquakes, and Earth structure*: Malden, Mass., Blackwell Science, 498 p.

