

PRELIMINARY LITERATURE LIST – GEOV313

(Possible changes to the list will be discussed with students at the first lecture, depending on the group's interests and specific needs)

GENERAL ROCK MAGNETISM AND PALEOMAGNETISM:

Butler, R. F., (1992). Paleomagnetism, 319pp.

The book may be downloaded free of charge at:

<http://www.geo.arizona.edu/Paleomag/book/>

MEASUREMENT, DATA ANALYSIS AND STATISTICS

Dunlop, D. J., 1979. On the use of Zijderveld vector diagrams in multicomponent paleomagnetic studies, *Phys. Earth Planet. Int.*, 20, 12-24.

Irving, E., 1964. Paleomagnetism, pages 58-63.

Kirschvink, J. L., (1980). The least-squares line and plane and the analysis of palaeomagnetic data. *Geophys. J. R. astr. Soc.* 62, 699-718.

Emphasis on method only (sections 1-4) on first six pages)

PALEOMAGNETISM APPLIED TO CONTINENTAL DRIFT

Torsvik, T. H., Smethurst, M. A., Meert, J. G., Van der Voo, R., McKerrow; W. S., Brasier; M. D., Sturt, B. A., & Walderhaug; H. J., 1996. Continental break up and collision in the Neoproterozoic and Palaeozoic - A tale of Baltica and Laurentia. *Earth Science Reviews* 40, 229-258.

Van der Voo, R., 1990. Phanerozoic paleomagnetic poles from Europe and North America and comparisons with continental reconstructions, *Reviews of Geophysics*, 28, 167-206.

BLOCKING TEMPERATURE VERSUS TIME

Pullaiah, G., Irving, E., Buchan, K. L. & Dunlop, D. J., 1975. Magnetization changes caused by burial and uplift, *Earth planet. Sci. Lett*, 28, 133-143.

Emphasis on blocking curve method (sections 1 and 2)

OTHER USEFUL GENERAL REFERENCE LITERATURE:

McElhinny, M.W. & McFadden, 2000. Paleomagnetism of Continents and Oceans, 386pp

Løvlie, R., 1985: Magnetomineralogi forelesningshefte, 125 pp