Publications de l'équipe de paléomagnétisme

~ 2004 ~

Audin, L., X. Quidelleur, E. Coulié, V. Courtillot, S. Gilder, and e. al., Paleomagnetism and K-Ar and 40Ar/39Ar ages in the Ali-Sabieh area (Republic of Djibouti, and Ethiopia): Constraints on the mechanism of Aden ridge propagation into Southeastern Afar during the last 10 Myr, *Geophys. j. int.*, *158*, 327-345, 2004.

Cairanne, I., C. Aubourg, J.P. Pozzi, M.-G. Moreau, T. Decamps, and G. Marolleau, Laboratory chemical remanent magnetization in a natural claystone: a record of two magnetic polarities, *Geophysical Journal International*, *159*, 909-916, 2004.

Cogné, J.P., and E. Humler, Temporal variation of oceanic spreading and crustal production rates during the last 180 My, *Earth planet. sci. lett.*, *227*, 427-439, 2004.

Coulié, E., X. Quidelleur, J.C. Lefèvre, and P.Y. Gillot, Exploring the multicollection approach for the 40Ar/39Ar dating technique, *Geochemistry, Geophysics, Geosystems=G Cubed*, *5*, 2004GC000773, 2004.

Courtillot, V., and J. Besse, A Long-term octupolar Component in the Geomagnetic Field? (0-200 Million Years B.P.), *Geophys monogr*, *145*, 59-74, 2004.

Donnadieu, Y., G. Ramstein, F. Fluteau, D. Roche, and A. Ganopolski, The impact of atmospheric and oceanic heat transports on the sea-ice-albedo instability during the Neoproterozoic, *Clim. dyn.*, *22*, 293-306, 2004.

Donnadieu, Y., G. Ramstein, Y. Goddéris, and F. Fluteau, Global Tectonic Setting and Climate of the Late Neoproterozoic: A Climate-Geochemical Coupled Study, *Geophysical Monograph Series*, *146*, 79-89, 2004.

Elmaleh, A., J.-P. Valet, A. Solihin, X. Quidelleur, H. Bouquerel, T. Tesson, E. Mulyadi, and A.D. Wirakusumah, Paleosecular variation in Java and Bawean Islands (Indonesia) during the Brunhes chron, *Geophys. j. int.*, *157* (1), 441-454, 2004.

Gattacceca, J., J.B. Orsini, J.P. Bellot, B. Henry, P. Rochette, P. Rossi, and G.P. Cherchi, Magnetic fabric of granitoids from Southern Corsica and Northern Sardinia and implications for Late-Hercynian tectonic setting, *J. Geol. Soc. London*, *161*, 277-289, 2004.

Gilder, S., M. Le Goff, J.C. Chervin, and j. Peyronneau, Magnetic properties of single and multi-domain magnetite under pressures from 0 to 6 GPa, *Geophys. res. lett.*, *31*, doi:10.1029/2004GL019844, 2004.

Hamilton, T.D., G.J. Borradaile, and F. Lagroix, Sub-fabric identification by standardization of AMS: an example of inferred neotectonics from Cyprus, in *Geological Society of London*, edited by G. society, pp. 527-540, F. Martin-Hernandez, C.M. LÛnenburg, C. Aubourg, and M. Jackson, London, 2004.

Henry, B., N. Merabet, M.E.M. Derder, and B. Bayou, Chemical remagnetizations in the Illizi basin (Saharan craton, Algeria), *Geophys. j. int.*, *156*, 200-212, 2004.

Henry, B., H. Rouvier, and M. Le Goff, Using syntectonic remagnetizations for fold geometry axis rotation: example of the Cévennes border (France), *Geophys. j. int.*, *157*, 1061-1070, 2004.

Henry, B., B. Bayou, M.E.M. Derder, H. Djellit, A. Ouabadi, M. Merahi, K. Baziz, A. Khaldil, and A. Hemmi, Emplacement and fabric-forming conditions of the Alous-En-Tides granite, eastern border of the Tin Seririne/Tin Mersoï basin (Algeria): magnetic and visible fabrics analysis, *Journal of Structural Geology*, *26*, 1647-1657, 2004.

Herrero-Bervera, E., and J.-P. Valet, Paleomagnetic and paleosecular variation of the Mt Cameroun volcanics (0.à-0.25 Ma), Cameroun, West Africa, *Earth planet. sci. lett.*, *147*, 171/182, 2004.

Lagroix, F., and S.K. Banerjee, Cryptic Post-Depositional Reworking of Aeolian Sediments Revealed by the Anisotropy of Magnetic Susceptibility, *Earth planet. sci. lett.*, *224* (3-4), 453-459, 2004.

Lagroix, F., and S.K. Banerjee, The Regional and Temporal Significance of Primary Aeolian Magnetic Fabrics Preserved in Alaskan Loess, *Earth planet. sci. lett.*, *225* (3-4), 369-385, 2004.

Lagroix, F., S.K. Banerjee, and M. Jackson, Magnetic properties of the Old Crow tephra: Identification of a complex iron titanium oxide mineralogy, *J. geophys. res.*, *109* (B01104), doi:10.1029/2003JB002678, 2004.

Lagroix, F., S.K. Banerjee, and B.M. Moskowitz, Revisiting the mechanism of reversed thermoremanent magnetization (rTRM) based on observations from synthetic ferrian ilmenite (y=0.7), *J. geophys. res.*, *109*, doi:10.1029/2004JB003076, 2004.

Le Goff, M., and Y. Gallet, A new three-axis vibrating sample magnetometer for continuous high-temperature magnetization measurements: Application to paleo- and archeointensity determinations, *Earth planet. sci. lett.*, *229*, 31-43, 2004.

Macouin, M., J. Besse, M. Ader, S. Gilder, Z. Yang, Z. Sun, and P. Agrinier, Combined paleomagnetic and isotopic data from the Doushantuo carbonates, South China: implications for the "snowball Earth" hypothesis, *Earth planet. sci. lett.*, *224*, 387-398, 2004.

Macouin, M., J.-P. Valet, and J. Besse, Long-term evolution of the geomagnetic dipole moment, *Phys. earth. planet. inter.*, *147*, 239-246, 2004.

Naar, D.F., R. Hekinian, M. Segonzac, J. Francheteau, a.t.P.D. Team, R. (Armijo, J.P. Cogné, M. Constantin, J. Girardeau, R.N. Hey, and R.C. Searle, Vigorous venting and biology at Pito Seamount, Easter microplate, *Geophysical Monograph Series. Mid-Oceanic Ridges : Hydrothermal Interactions Between the Lithosphere and Oceans*, *148*, 305-318, 2004.

Principe, C., J.-C. Tanguy, S. Arrighi, A. Paiotti, M. Le Goff, and U. Zoppi, Chronology of Vesuvius' activity from AD 79 to 1631 based on archeomagnetism of lavas and historical sources, *Bull. volcanol.*, *66*, 703-724, 2004.

Ricou, L.-E., Earth's tectonic history revisited in the light of episodic misfits between plate network and mantle convection, *Tectonophysics (Amst.)*, *384*, 285-300, 2004.

Silva, P., F.O. Marques, B. Henry, A. Mateus, N. Lourenço, and J.M. Miranda, Preliminary results of a study of Magnetic properties in the Foum-Zguid dyke (Morocco), *Phys. Ch. Earth*, *29*, 909-920, 2004.

Tanguy, J.-C., and M. Le Goff, Distortion of the Geomagnetic Field in volcanic terrains: An experimental study of the Mount Etna, *Phys. earth. planet. inter.*, *141*, 59-70, 2004.