

## Publications de l'équipe de paléomagnétisme

~ 2007 ~

- Auclair, M., M. Lamothe, F. Lacroix, and S. K. Banerjee, Luminescence investigation of loess and tephra from Halfway House section, Central Alaska, *Quaternary Geochronology*, 2(1-4), 34-38, 2007.
- Bourquin, S., M. Durand, J. B. Diez, J. Broutin, and F. Fluteau, The Permian-Triassic boundary and lower Triassic sedimentation in western European basins: an overview, *Journal of Iberian Geology*, 33, 221-236, 2007.
- Camps, P., B. Henry, K. Nicolaysen, and G. Plenier, Statistical properties of paleomagnetic directions in Kerguelen lava flows: Implications for the late Oligocene paleomagnetic field, *Journal of Geophysical Research-Solid Earth*, 112(B6), 2007.
- Chenet, A. L., X. Quidelleur, F. Fluteau, V. Courtillot, and S. Bajpai, K-40-Ar-40 dating of the Main Deccan large igneous province: Further evidence of KTB age and short duration, *Earth and Planetary Science Letters*, 263(1-2), 1-15, 2007.
- Courtillot, V., Y. Gallet, J. L. Le Mouel, F. Fluteau, and A. Genevey, Are there connections between the Earth's magnetic field and climate?, *Earth and Planetary Science Letters*, 253(3-4), 328-339, 2007.
- Courtillot, V., and P. Olson, Mantle plumes link magnetic superchrons to Phanerozoic mass depletion events, *Earth and Planetary Science Letters*, 260(3-4), 495-504, 2007.
- Courtillot, V., and J. L. Le Mouel, The study of earth's magnetism (1269-1950): A foundation by peregrinus and subsequent development of geomagnetism and paleomagnetism, *Reviews of Geophysics*, 45, 2007.
- Favre, E., L. Francois, F. Fluteau, R. Cheddadi, L. Thevenod, and J. P. Suc, Messinian vegetation maps of the Mediterranean region using models and interpolated pollen data, *Geobios*, 40(3), 433-443, 2007.
- Fluteau, F., G. Ramstein, J. Besse, R. Guiraud, and J. P. Masse, Impacts of palaeogeography and sea level changes on Mid-Cretaceous climate, *Palaeogeography Palaeoclimatology Palaeoecology*, 247(3-4), 357-381, 2007.
- Gallet, Y., and A. Genevey, The Mayans: climate determinism of geomagnetic determinism, *EOS Transactions American Geophysical Union*, 88(11), 129-130, 2007.
- Gallet, Y., L. Krystyn, J. Marcoux, and J. Besse, New constraints on the End-Triassic (Upper Norian-Rhaetian) magnetostratigraphy, *Earth and Planetary Science Letters*, 255(3-4), 458-470, 2007.

- Gattacceca, J., A. Deino, R. Rizzo, D. S. Jones, B. Henry, B. Beaudoin, and F. Vadeboin, Miocene rotation of Sardinia: New paleomagnetic and geochronological constraints and geodynamic implications, *Earth and Planetary Science Letters*, 258(3-4), 359-377, 2007.
- Godderis, Y., Y. Donnadieu, C. Dessert, B. Dupre, F. Fluteau, L. M. Francois, J. Meert, A. Nedelec, and G. Ramstein, Coupled modeling of global carbon cycle and climate in the Neoproterozoic: links between Rodinia breakup and major glaciations, *Comptes Rendus Geoscience*, 339(3-4), 212-222, 2007.
- Goguitchaichvili, A., M. Petronille, B. Henry, L. A. Valdivia, J. Morales, and J. Urrutia-Fucugauchi, Paleomagnetism of the Eastern Alkaline Province (Mexico): contribution to the time-averaged field global database and geomagnetic instability time scale, *Earth Planets and Space*, 59(7), 775-783, 2007.
- Hankard, F., J. P. Cogne, V. A. Kravchinsky, L. Carporzen, A. Bayasgalan, and P. Lkhagvadorj, New Tertiary paleomagnetic poles from Mongolia and Siberia at 40, 30, 20, and 13 Ma: Clues on the inclination shallowing problem in central Asia, *Journal of Geophysical Research-Solid Earth*, 112(B2), 2007.
- Hankard, F., J. P. Cogne, X. Quidelleur, A. Bayasgalan, and P. Lkhagvadorj, Palaeomagnetism and K-Ar dating of Cretaceous basalts from Mongolia, *Geophysical Journal International*, 169(3), 898-908, 2007.
- Henry, B. (2007), Changes in magnetic mineralogy due to heating and methodological implications, in *Encyclopedia of Geomagnetism and Paleomagnetism*, edited by D. Gubbins and E. Herrero-Bervera, pp. 512-515, Springer, Dordrecht (Netherlands).
- Henry, B., N. Jordanova, D. Jordanova, M. E. M. Derder, B. Bayou, and M. Amenna, Composite magnetic fabric deciphered using heating treatment, *Stud. Geoph. Geod.*, 51, 293-314, 2007.
- Henry, B., D. Jordanova, N. Jordanova, M. E. M. Derder, B. Bayou, M. Amenna, and D. Dimov, Composite magnetic fabric deciphered using heating treatment, *Studia Geophysica Et Geodaetica*, 51(2), 293-314, 2007.
- Henry, B., D. Jordanova, N. Jordanova, J. Hus, J. Bascou, M. Funaki, and D. Dimov, Alternating field-impressed AMS in rocks, *Geophysical Journal International*, 168(2), 533-540, 2007.
- Henry, B., B. Bayou, M. E. M. Derder, H. Djellit, A. Ouabadi, A. Khaldi, and A. Hemmi, Late Panafrican evolution of the main Hoggar fault zones: Implications of magnetic fabric study in the In Telloukh pluton (Tin Serririne basin, Algeria), *Journal of African Earth Sciences*, 49(4-5), 211-221, 2007.
- Herrero-Bervera, E., and J. P. Valet, Holocene paleosecular variation from dated lava flows on Maui (Hawaii), *Physics of the Earth and Planetary Interiors*, 161(3-4), 267-280, 2007.

- Herrero-Bervera, E., E. J. Browne, J. P. Valet, B. S. Singer, and B. R. Jicha, Cryptochron C2r.2r-1 recorded 2.51 Ma in the Koolau Volcano at Halawa, Oahu, Hawaii, USA: Paleomagnetic and Ar-40/Ar-39 evidence, *Earth and Planetary Science Letters*, 254(3-4), 256-271, 2007.
- Isambert, A., N. Menguy, E. Larquet, F. Guyot, and J. P. Valet, Transmission electron microscopy study of magnetites in a freshwater population of magnetotactic bacteria, *American Mineralogist*, 92(4), 621-630, 2007.
- Jordanova, D., N. Jordanova, B. Henry, J. Hus, J. Bascou, M. Funaki, and D. Dimov, Changes in mean magnetic susceptibility and its anisotropy of rock samples as a result of alternating field demagnetization, *Earth and Planetary Science Letters*, 255, 390-401, 2007.
- Moreau, M. G., J. Besse, F. Fluteau, and M. Greff-Lefitz, A new global Paleocene-Eocene apparent polar wandering path loop by "stacking" magneto stratigraphies: Correlations with high latitude climatic data, *Earth and Planetary Science Letters*, 260(1-2), 152-165, 2007.
- Narteau, C., J. L. Le Mouel, and J. P. Valet, The oscillatory nature of the geomagnetic field during reversals, *Earth and Planetary Science Letters*, 262, 66-76, 2007.
- Pavlov, V., V. Courtillot, M. L. Bazhenov, and R. V. Veselovsky, Paleomagnetism of the Siberian traps: New data and a new overall 250 Ma pole for Siberia, *Tectonophysics*, 443, 72-92, 2007.
- Plenier, G., J. P. Valet, G. Guérin, J. C. Lefèvre, and B. Carter-Stiglitz, Origin and age of the directions recorded during the Laschamp event in the Chaîne des Puys (France), *Earth and Planetary Science Letters*, 259(3-4), 414-431, 2007.
- Ren, Y., E. Stutzman, R. D. van der Hilst, and J. Besse, Understanding seismic heterogeneities in the lower mantle beneath the Americas from seismic tomography and plate tectonic history, *Journal of Geophysical Research-Solid Earth*, 112(B1), 2007.
- Satolli, S., J. Besse, F. Speranza, and F. Calamita, The 125-150 Ma high-resolution Apparent Polar Wander Path for Adria from magneto stratigraphic sections in Umbria-Marche (Northern Apennines, Italy): Timing and duration of the global Jurassic-Cretaceous hairpin turn, *Earth and Planetary Science Letters*, 257(1-2), 329-342, 2007.
- Tan, X. D., K. P. Kodama, S. Gilder, V. Courtillot, and J. P. Cogne, Palaeomagnetic evidence and tectonic origin of clockwise rotations in the Yangtze fold belt, South China Block, *Geophysical Journal International*, 168(1), 48-58, 2007.
- Tan, X. D., K. P. Kodama, S. Gilder, and V. Courtillot, Rock magnetic evidence for inclination shallowing in the Passaic Formation red beds from the Newark basin and a systematic bias of the Late Triassic apparent polar wander path for North America, *Earth and Planetary Science Letters*, 254(3-4), 345-357, 2007.

Tanguy, J.-C., M. Condomines, M. Le Goff, V. Chillemi, S. La Delfa, and G. Patanè, Mount Etna eruptions of the last 2,750 years: revised chronology and location through Archeomagnetic and  $^{226}\text{Ra}$ - $^{230}\text{Th}$  dating, *Bull. Volcanol.*, DOI 10.1007/s00445-00007-00121, 2007.

Valet, J. P. (2007), Paleointensity, absolute, techniques, in *Encyclopedia of Geomagnetism and Paleomagnetism*, edited by D. Gubbins and E. Herrero-Bervera, Springer, Dordrecht (Netherlands).

Valet, J. P., and E. Herrero-Bervera (2007), Geomagnetic reversals, archives, in *Encyclopedia of Geomagnetism and Paleomagnetism*, edited by D. Gubbins and E. Herrero-Bervera, Springer, Dordrecht (Netherlands).