

Publications de l'équipe de paléomagnétisme

~ 1999 ~

- Agrinier, P., Y. Gallet, and E. Lewin, On the age calibration of the geomagnetic polarity timescale, *Geophys. j. int.*, 137, 81-90, 1999.
- Allègre, C., and V. Courtillot, Revolutions in the earth sciences, *Phil. Trans. R. Soc. London.*, 354, 1915-1919, 1999.
- Allègre, C.J., J.L. Birck, F. Capmas, and V. Courtillot, Age of the Deccan traps using ¹⁸⁷Re-¹⁸⁷O systematics, *Earth planet. sci. lett.*, 170, 197-204, 1999.
- Borradaile, G.J., P.W. Fralick, and F. Lacroix, Acquisition of anhysteretic remanence and tensor subtraction from AMS isolates true paleocurrent grain alignments, in *Paleomagnetism and Diagenesis in Sediments*, edited by D.H. Tarling, and P. Turner, pp. 139-145, Geological Society of London, 1999.
- Borradaile, G.J., F. Lacroix, F. Maher, J.D. Stewart, T. Lane, N. Linford, and P. Linford, Attempts to date salt-making activity in Iron Age Britain using magnetic inclinations, *Journal of Archeological Science*, 26, 1377-1389, 1999.
- Borradaile, G.J., T. Werner, and F. Lacroix, Magnetic fabrics and anisotropy-controlled thrusting in the Kapuskasing Structural Zone, Canada, *Tectonophysics (Amst.)*, 302, 241-256, 1999.
- Carlut, J., V. Courtillot, and G. Hulot, Over how much time should the geomagnetic field be averaged to obtain the mean-paleomagnetic field ?, *Terra nova (Oxford)*, 11, 239-243, 1999.
- Carlut, J., and X. Quidelleur, Absolute paleointensities recorded during the Brunhes chron at La Guadeloupe Island, *Phys. earth. planet. inter.*, 120, 255-269, 1999.
- Carlut, J., J.-P. Valet, X. Quidelleur, V. Courtillot, T. Kidane, Y. Gallet, and P.-Y. Gillot, Paleointensity across the Réunion event in Ethiopia, *Earth planet. sci. lett.*, 170, 17-34, 1999.
- Cogné, J.-P., N. Halim, Y. Chen, and V. Courtillot, Resolving the problem of shallow magnetizations of Tertiary age in Asia: Insights from paleomagnetic data from the Qiangtang, Kunlun, and Qaidam blocks (Tibet, China), and a new hypothesis, *J. geophys. res.*, 104 (Solid Earth), 17,715-17,734, 1999.
- Courtillot, V., *Evolutionary catastrophes: the science of mass extinction*, 166 pp., Cambridge University Press, Cambridge, 1999.
- Courtillot, V., C. Jaupart, I. Manighetti, P. Tapponnier, and J. Besse, On causal links between flood basalts and continental breakup, *Earth planet. sci. lett.*, 166, 177-195, 1999.
- Fluteau, F., G. Ramstein, and J. Besse, Simulating the evolution of the Asian and African monsoons during the past 30 Myr using an atmospheric general circulation model, *J. geophys. res.*, 104, 11995-12018, 1999.
- Gilder, S., H. Leloup, V. Courtillot, Y. Chen, R. Coe, X. Zhao, W. Xiao, N. Halim, J.P. Cogné, and R. Zhu, Tectonic evolution of the Tancheng-Lujiang (Tan-Lu) Fault Via Middle Triassic to Early Cenozoic Paleomagnetic Data, *J. geophys. res.*, 104, 15365-15390, 1999.
- Gilder, S., and B.A. McNulty, Tectonic exhumation and tilting of the Mount Givens pluton, central Sierra Nevada, California, *Geology*, 27, 919-922, 1999.
- Gilder, S.A., H. Leloup, V. Courtillot, Y. Chen, and e. al., Tectonic evolution of the Tancheng-Lujiang (Tan-Lu) fault via Middle Triassic to Early Cenozoic paleomagnetic data, *J. geophys. res.*, 104, 15365-15390, 1999.

- Guyodo, Y., C. Richter, and J.P. Valet, Paleointensity record from Pleistocene sediments (1.4-0Ma) off the California margin, *J. geophys. res.*, *104*, 22,953-22,964, 1999.
- Guyodo, Y., and J.-P. Valet, Global changes in geomagnetic intensity during the past 800 thousand years, *Nature (Lond)*, *399*, 249-252, 1999.
- Guyodo, Y., and J.-P. Valet, Integration of volcanic and sedimentary records of paleointensity: Constraints imposed by irregular eruption rates, *Geophys. res. lett.*, *26*, 3669-3672, 1999.
- Henri, B., N.B. Merabet, H., and S. Maouche, Nouveau pôle paléomagnétisme stéphanien inférieur pour le craton saharien (Formation de Merkala, bassin de Tindouf, Algérie), *C. r. Acad. sci.*, *329, série IIa*, 161-166, 1999.
- Henry, B., J.F. Becq-Giraudon, and H. Rouvier, Palaeomagnetic studies in the Permian basin of Largentière and implications for the Late Variscan in the French massif Central, *Geophys. j. int.*, *138*, 188-198, 1999.
- Henry, B., N. Merabet, H. Bouabdallah, and S. Maouche, Nouveau pôle paléomagnétique stéphanien inférieur pour le craton saharien (Formation de Merkala, bassin de Tindouf, Algérie), *C.R. Acad. Sci. Paris*, *329 (IIa)*, 161-166, 1999.
- Herrero-Bervera, E., and J.-P. Valet, Paleosecular variation during sequential geomagnetic reversals from Hawaii, *Earth planet. sci. lett.*, *171*, 139-148, 1999.
- Kidane, T., J. Carlut, V. Courtillot, Y. Gallet, X. Quidelleur, P.-Y. Gillot, and T. Haile, Paleomagnetic and geochronological identification of the Réunion subchron in Ethiopian Afar, *J. geophys. res.*, *104 (B5)*, 10,405-10,419, 1999.
- Mandea Alexandrescu, M., S. Gilder, V. Courtillot, J.L. Le Mouél, and D. Gilbert, Looking back on a half century of repeat magnetic, *Eos (Wash. D.C.)*, *80*, 25-26, 1999.
- Merabet, N., B. Henry, H. Bouabdallah, and S. Maouche, Paleomagnetism of the Djebel Reouiana Namurian formation (Tindouf Basin, Algeria), *Stud. Geophys. Geodet.*, *43*, 376-389, 1999.
- Perthuisot, V., and et al., Les diapirs du Maghreb oriental: part des déformations alpines et des structures initiales créacées et éocènes dans les formes actuelles, *Bull. Soc. géol. Fr.*, *168*, 233-242, 1999.
- Perthuisot, V., and et al., Réponse au commentaire de Vila et al., sur la note "Les corps triasiques des Monts du Méllègue (confins algéro-tunisiens) sont-ils des diapirs ou des "glaciers de sel"?", *Bull. Soc. géol. Fr.*, *170*, 420, 1999.
- Quidelleur, X., P.-Y. Gillot, J. Carlut, and V. Courtillot, Link between excursions and paleointensity inferred from abnormal field directions recorded at La Palma around 600 ka, *Earth planet. sci. lett.*, *168*, 233-242, 1999.
- Richter, C., A. Hayashida, Y. Guyodo, J.-P. Valet, and K.L. Verosub, Magnetic intensity loss and core diagenesis in long-core samples from the East Cortez Basin and the San Nicolas Basin (California Borderland), *Earth planets space*, *51*, 329-336, 1999.
- Ricou, L.E., Plate network division - its effect on mantle convection and the two hot-spot domains, *Terra Nova*, *10*, 1-5, 1999.
- Rouvier, H., and et al., Commentaire à la note de Jean-Marie Vila, et al., "Tectonique en radeaux au toit d'un "glacier de sel" sous-marin albien de Tunisie du Nord-Ouest: Exemple du secteur minier de Gueur Hafaya, *C. r. Acad. sci.*, *327, Série IIa*, 565-566, 1999.
- Rouvier, H., B. Henry, and M. Le Goff, Réponse à la note de Jean-Marie Vila, Mohamed Ben Youssef, Salah Bouhlel, Mohamed Ghanmi, Fébri Kamoun et Bernard Peybernès "Le paléomagnétisme est-il

- un meilleur outil que la biostratigraphie et la sédimentologie pour fixer la polarité de l'Albien du Nord-Ouest tunisien?, *C. r. Acad. sci.*, 329, *Série IIa*, 845-846, 1999.
- Tanguy, J.-C., M. Le Goff, V. Chiiemi, A. Paiotti, C. Principe, S. La Delfa, and G. Patane, Variation séculaire de la direction du champ géomagnétique enregistrée par les laves de l'Etna et du Vésuve pendant les deux derniers millénaires, *C. r. Acad. sci.*, 329, *Série IIa*, 557-564, 1999.
- Valet, J.-P., J. Brassart, X. Quidelleur, V. Soler, P.-Y. Gillot, and L. Hongre, Paleointensity variations across the last geomagnetic reversal at la Palma (Canary islands, Spain), *J. geophys. res.*, 104 (B4), 7577-7598, 1999.
- Valet, J.-P., and Y. Gallet, Paleomagnetism: ancient inclinations, *Nature (Lond)*, 396 (News and Views), 315-316, 1999.
- Valet, J.-P., and V. Soler, Magnetic anomalies of lava fields in the Canary islands. Possible consequences for paleomagnetic records, *Phys. earth. planet. inter.*, 115, 109-118, 1999.
- Zhao, X., R. Coe, K. Chang, S.O. Park, S.K. Omarzai, R.X. Zhu, Y.X. Zhou, and S. Gilder, Clockwise rotations recorded in Early Cretaceous rocks of South Korea: Implications for tectonic affinity between Korean Peninsula and North China, *Geophys. j. int.*, 139, 447-463, 1999.