

ROBERT S. COE

Professor

Department of Earth Sciences

PUBLICATIONS

1. Coe, R. S., 1966, Analysis of magnetic shape anisotropy using second-rank tensors, *J. Geophys. Res.*, **71**, 2637-2644.
2. Coe, R. S., 1967, Paleo-intensities of the earth's magnetic field determined from Tertiary and Quaternary rocks, *J. Geophys. Res.*, **72**, 3247-3272.
3. Coe, R. S., 1967, The determination of paleo-intensities of the earth's magnetic field with emphasis on mechanisms which could cause non-ideal behavior in Thelliers' method, *J. Geomag. and Geoelect.*, **19**, 157-179.
4. Coe, R. S., and M. S. Paterson, 1969, The alpha-beta inversion in quartz: a coherent phase transition under non-hydrostatic stress, *J. Geophys. Res.*, **74**, 4921-4948.
5. Coe, R. S., 1970, The thermodynamic effect of shear stress on the orthoclino inversion in enstatite and other coherent phase transitions characterized by a finite simple shear, *Contr. Mineral. and Petrol.*, **26**, 247-264.
6. Coe, R. S., 1971, Earthquake prediction program in the People's Republic of China, *EOS, Trans. Amer. Geophys. Union*, **52**, 440-443.
7. Coe, R. S., and W. F. Müller, 1973, Crystallographic orientation of clinoenstatite produced by deformation of orthoenstatite, *Science*, **180**, 64-66.
8. Coe, R. S., and C. S. Grommé, 1973, A comparison of three methods of determining geomagnetic paleointensities, *J. Geomag. and Geoelect.*, **25**, 415-435.
9. Coe, R. S., 1974, The effect of magnetic interactions on paleointensity determinations by the Thelliers' method, *J. Geomag. and Geoelect.*, **26**, 311-317.
10. Coe, R. S., 1974, Walking on two legs: a panel discussion of science policy in the People's Republic of China, *Bull. Amer. Acad. Arts and Sci.*, **no. 2**, 28-32.
11. Khodair, A. and R. S. Coe, 1975, The effect of heating in vacuum on the determination of paleointensities of the geomagnetic field by the Thelliers' method, *Geophys. J. Roy. Astr. Soc.*, **42**, 107-115.
12. Coe, R. S., and S. H. Kirby, 1975, The orthoenstatite to clinoenstatite transformation by shearing and reversion by annealing: mechanism and potential applications, *Contr. Mineral. and Petrol.*, **52**, 29-55.

13. Coe, R. S., 1977, Source models to account for Lake Mungo palaeomagnetic excursion and their implications, *Nature*, **269**, 49-51.
14. Coe, R. S., C. S. Grommé, and E. A. Mankinen, 1978, Geomagnetic paleointensities by the Thelliers' method from radiocarbon dated lava flows on Hawaii: The Pacific non-dipole low, *J. Geophys. Res.*, **83**, 1740-1756.
15. Vaughan, P. J., and R. S. Coe, 1978, Geometric flow properties of the germanate analog of forsterite, *Tectonophysics*, **46**, 187-196.
16. Coe, R. S., B. R. Frost, and F. P. Okamura, 1978, Principal stress directions from a natural occurrence of stress-induced clinostatite, *Contr. Mineral. and Petrol.*, **67**, 119-126.
17. Liddicoat, J. C., and R. S. Coe, 1979, Mono Lake geomagnetic excursion, *J. Geophys. Res.*, **84**, 261-271.
18. Coe, R. S., 1979, The effect of shape anisotropy on TRM direction, *Geophys. J. Roy. Astr. Soc.*, **56**, 369-383.
19. Grommé, C. S., E. A. Mankinen, M. Marshall, and R. S. Coe, 1979, Geomagnetic paleointensities by the Thelliers' method from submarine basalts: effects of seafloor weathering, *J. Geophys. Res.*, **84**, 3553-3575.
20. Liddicoat, J. C., and R. S. Coe, 1979, Paleomagnetic record in Late Pleistocene and Holocene dry-lake deposits at Tlapacoya, Mexico, *J. Roy. Astr. Soc.*, **59**, 367-378.
21. Vaughan, P. J., and R. S. Coe, 1981, Creep mechanism in Mg_2GeO_4 : effects of a phase transition, *J. Geophys. Res.*, **86**, 389-404.
22. Bogue, S. W., and R. S. Coe, 1981, Stratigraphic correlation in the Columbia River Basalt using secular variation of the ancient field, *J. Geophys. Res.*, **86**, 11883-11897.
23. Liddicoat, J. C., R. S. Coe, P. W. Lambert, H. E. Malde, and V. Steen-McIntyre, 1982, Paleomagnetic investigations of Pleistocene sediments in the Basin of Mexico and at Valsequillo, Puebla, Mexico, *Geofisica Internacional*, **20**, 249-262.
25. J. Denoyer, J. C. Cain, S. K. Banerjee, E. R. Benton, R. J. Blakely, R. S. Coe, G. C. A. Harrison, M. Johnston, and R. D. Regan, 1982, Geomagnetic workshop, *EOS, Trans. Amer. Geophys. Union*, **63**, 645-655.
26. Bogue, S. W., and R. S. Coe, 1982, Back-to-back magnetic reversal records from Kauai, *Nature*, **295**, 399-401.
27. Vaughan, P. J., H. W. Green, and R. S. Coe, 1982, Is the olivine-spinel phase transition martensitic?, *Nature*, **298**, 357-358.

28. Plumley, P. W., R. S. Coe, T. Byrne, M. Reid, and J. C. Moore, 1982, Paleomagnetism of volcanic rocks of the Kodiak Islands indicates northward latitudinal displacement, *Nature*, **300**, 50-52.
29. Plumley, P. W., R. S. Coe, and T. Byrne, 1983, Paleomagnetism of the Paleocene Ghost Rocks Formation, Prince William Terrane, Alaska, *Tectonics*, **2**, 295-314.
30. Moore, J. C., T. Byrne, P. W. Plumley, M. Reid, H. Gibbons, and R. S. Coe, 1983, Paleogene evolution of the Kodiak Islands, Alaska: consequences of ridge-trench interaction in a more southerly latitude, *Tectonics*, **2**, 265-293.
31. Globberman, B. W., R. S. Coe, J. M. Hoare, and J. Decker, 1983, Paleomagnetism of Lower Cretaceous tuffs from Yukon-Koyukuk delta region, western Alaska, *Nature*, **305**, 516-520.
32. Globberman, B. W., and R. S. Coe, 1983, Paleomagnetic results from Upper Cretaceous volcanic rocks in northern Bristol Bay, SW Alaska, and tectonic implications, in Howell, D.G., Jones, D.L., Cox, A., and Nur, A., eds., Proceedings of the Circum-Pacific terrane conference: *Stanford University Publications in the Geological Sciences*, **18**, 98-102.
33. Bogue, S. W., and R. S. Coe, 1984, Transitional paleointensities from Kauai, Hawaii, and geomagnetic reversal models, *J. Geophys. Res.*, **89**, 10341-10354.
34. Wells, R. E., D. C. Engebretson, P. D. Snavely, Jr., and R. S. Coe, 1984, Cenozoic plate motions and the volcano-tectonic evolution of western Oregon and Washington: *Tectonics*, **3**, 275-294.
35. Coe, R. S., C. S. Grommé, and E. A. Mankinen, 1984, Geomagnetic paleointensities of basalts from excursion sequences in lavas on Oahu, Hawaii, *J. Geophys. Res.*, **89**, 1059-1069.
36. Vaughan, P. J., H. W. Green, and R. S. Coe, 1984, Anisotropic growth in the olivine-spinel transformation of Mg₂GeO₄ under nonhydrostatic stress, *Tectonophysics*, **108**, 299-322.
37. Coe, R. S., 1984, Meeting of minds in a magnetic field, *Nature*, **311**, 684.
38. Wells, R. E., and R. S. Coe, 1985, Paleomagnetism and geology of Eocene volcanic rocks of SW Washington: implications for mechanisms of tectonic rotation, *J. Geophys. Res.*, **90**, 1925-1947.
39. Coe, R. S., B. R. Globberman, P. W. Plumley, and G. A. Thrupp, 1985, Paleomagnetic results from Alaska and their tectonic implications, in Howell, D.G., ed., Tectonostratigraphic terranes of the Circum-Pacific region, *Amer. Assoc. Petrol. Geol., Circum-Pacific Council for Energy and Mineral Resources Series*, **1**, 85-108.
40. Prévot, M., E. A. Mankinen, R. S. Coe, and C. S. Grommé, 1985, How the geomagnetic field vector reverses polarity, *Nature*, **316**, 230-234.

41. Grommé, C. S., E. A. Mankinen, M. Prévot, and R. S. Coe, 1985, Steens Mountain geomagnetic polarity transition is a single phenomenon, *Nature*, **318**, 487.
42. Mankinen, E. A., Prévot, M., C. S. Grommé, and R. S. Coe, 1985, The Steens Mountain (Oregon) geomagnetic polarity transition, 2. Directional history, duration of episodes, and rock magnetism, *J. Geophys. Res.*, **90**, 10393-10416.
43. Prévot, M., E. A. Mankinen, R. S. Coe, and C. S. Grommé, 1985, The Steens Mountain (Oregon) geomagnetic polarity transition, 2. Field intensity variations and discussion of reversal models, *J. Geophys. Res.* **90**, 10417-10,448.
44. Globberman, B. R., and R. S. Coe, 1985, Paleomagnetic results from Upper Cretaceous rocks of the Togiak terrane, southwest Alaska: Evidence for anticlockwise rotation, in Leitch, E., ed., The Third Circum-Pacific Terrane Conference Proceedings: *Geol. Soc. Australia*, **No. 14**, 96-101.
45. Thrupp, G. A., and R. S. Coe, 1986, Early Tertiary paleomagnetic evidence and the displacement of southern Alaska, *Geology*, **14**, 213-317.
46. Liu, C., X. Zhao, Q. Liang, and R. S. Coe, 1986, Paleomagnetic evidence: the anticlockwise rotation of Qujing area during the Paleozoic, *Scientia Geologica Sinica*, **3**, 232-235.
47. Mankinen, E. A., C. S. Grommé, E. E. Larson, M. Prévot, and R. S. Coe, 1987, The Steens Mountain (Oregon) geomagnetic polarity transition, 3. Its regional significance, *J. Geophys. Res.*, **92**, 8057-8076.
48. Zhao, X., and R. S. Coe, 1987, Paleomagnetic constraints on collision and rotation of North and South China, *Nature*, **327**, 141-144.
49. Coe, R. S., B. R. Globberman, and G. A. Thrupp, 1988, Rotation of central and southern Alaska in the early Tertiary: Oroclinal bending by megakinking?, in Kissel, C., and C. Laj, eds., Paleomagnetic rotation and continental deformation: *NATO Advanced Studies Institute Series, Reidel, Series C*, **254**, 327-342.
50. Zhao, X., and R. S. Coe, 1989, Tectonic implications of Permo-Triassic paleomagnetic results from north and south China, in J. W. Hillhouse (ed.), Deep Structure and Past Kinematics of Accreted Terranes, *Amer. Geophys. Union Geophysical Monograph Series/IUGG*, **5**, 267-283.
51. Coe, R. S., and M. Prévot, 1989, Evidence suggesting extremely rapid field variation during a geomagnetic reversal, *Earth Planet. Sci. Lett.*, **92**, 292-298.
52. Meng, Z. F., H. F. Huang, Y. Z. Chen, and R. S. Coe, 1989, Late Permian VGP of the western Jiuquan basin (NW China) and its tectonic implications, in *Developments in Geoscience*, Chinese Academy of Sciences Contribution to 28th International Geological Congress, Washington, D. C. (and *Science Press*, Beijing, China, July, 1989), 67-75.

53. Zhao, X., R. S. Coe, Y. X. Zhou, H. R. Wu, and J. Wang, 1990, New paleomagnetic results from northern China: collision and suturing with Siberia and Kazakhstan, *Tectonophysics*, **181**, 43-81.
54. Zhao, X., R. S. Coe, C. Liu, and Y. Zhou, 1992, New Cambrian and Ordovician paleomagnetic poles for the north China block and their paleogeographic implications, *J. Geophys. Res.*, **97**, 1767-1788.
55. Meng, Z. F., and R. S. Coe, 1992, Paleomagnetic results from Upper Silurian rocks of the Hexi Corridor and their plate tectonic interpretation (Chinese), *Scientia Sinica*, **no. 5**, 531-536.
56. Haeussler, P. J., R. S. Coe, and T. C. Onstott, 1992, The paleomagnetism of the Late Triassic Hound Island volcanics of the Alexander Terrane, Alaska--revisited, *J. Geophys. Res.*, **97**, 19617-19640.
57. Haeussler, P. J., R. S. Coe, and P. Renne, 1992, The paleomagnetism and geochronology of 23-Ma gabbroic intrusions in the Keku strait, Alaska, and implications for the Alexander Terrane, *J. Geophys. Res.*, **97**, 19641-19650.
58. Bol, A. J., R. S. Coe, C. S. Grommé, and J. W. Hillhouse, 1992, Paleomagnetism of the Resurrection Peninsula, Alaska: implications for the tectonics of southern Alaska and the Kula-Farallon Ridge, *J. Geophys. Res.*, **97**, 17213-17232.
59. Renne, P. R., M. Ernesto, I. Pacca, R. S. Coe, J. Glen, M. Prévot, and M. Perrin, 1992, Rapid eruption of the Paraná flood volcanics, rifting of southern Gondwanaland and the Jurassic-Cretaceous boundary, *Science*, **258**, 975-979.
60. Zhao, X., R. S. Coe, H. Wu, and Z. Zhao, 1993, Silurian and Devonian paleomagnetic poles from north China and implications for Paleozoic Gondwana, *Earth Planet. Sci. Lett.*, **117**, 497-506.
61. Gilder, S. A., R. S. Coe, H. Wu, G. Kuang, X. Zhao, Q. Wu, and X. Tang, 1993, Cretaceous and Tertiary paleomagnetic results from southeast China and their tectonic implications, *Earth Planet. Sci. Lett.*, **117**, 637-652.
62. Gubbins, D., and R. Coe, 1993, Longitudinally confined geomagnetic reversal paths from non-dipolar transition fields, *Nature*, **362**, 51-53.
63. Omarzai, S. K., R. S. Coe, and J. A. Barron, 1993, Magnetostratigraphy--a powerful tool for high-resolution age-dating and correlation in the Miocene Monterey Formation of California: results from Shell Beach section, Pismo Basin, in D. Aissaoui, D. McNeill, and J. Hurley (eds.), *Applications of paleomagnetism to Sedimentary Geology, Soc. Sedimentary Geol. (SEPM), Spec. Publ.*, **No. 49**, 95-111.

64. Meng, Z. and R. S. Coe, 1993, Tectonic Implications of Paleomagnetic Results From Upper Silurian Series Along the Hexi Corridor, Gansu, China, *Science in China (Series B)*, **36**, No. 6, 720-728.
65. Gilder, S. A., X. Zhao, R. S. Coe, H. Wu, and G. Kuang, 1993, Discordance of Jurassic paleomagnetic data from south China and their tectonic implications, *Earth Planet. Sci. Lett.*, **119**, 259-269.
66. Coe, R., 1993, A swiftly changing field (News and Views), *Nature*, **366**, 205-206.
67. Glen, J. M., R. S. Coe, G. I. Smith, S. S. Boughn, and I. Altschul, 1993, Rock- and paleomagnetic results from core OL92, Owens Lake, CA, *Geol. Surv. Open-File Report*, **94-683**.
68. Coe, R. S., and J. C. Liddicoat, 1994, Overprinting of natural magnetic remanence in lake sediments by a subsequent high-intensity field, *Nature*, **367**, 57-59.
69. Zhao, X., R. S. Coe, Y. X. Zhou, S. Y. Hu, H. R. Wu, G. D. Kuang, Z. G. Dong, and J. Wang, 1994, Tertiary paleomagnetism of North and South China and a reappraisal of Late Mesozoic paleomagnetic data from Eurasia: implications for the Cenozoic tectonic history of Asia, *Tectonophysics*, **235**, 181-203.
70. Glen, J. M., R. S. Coe, and J. C. Liddicoat, 1994, Persistent features of polarity transition records from western North America, *Geophys. Res. Lett.*, **21**, 1165-1168.
71. Courtillot, V., R. J. Enkin, Z. Yang, R. S. Coe, X. Zhao, and S. A. Gilder, 1994, Reply to comment on 'Paleomagnetic constraints on the geodynamic history of the major blocks of China from the Permian to the present' by R. J. Enkin, et al., *J. Geophys. Res.*, **99**, 18043-18048.
72. Hillhouse, J. W., and R. S. Coe, 1994 Paleomagnetic data from Alaska, in G. Plafker and H. C. Berg (eds.), *The Geology of Alaska: Boulder, Colorado, Geol. Soc. Amer.*, The Geology of North America, **G-1**, 797-812.
73. Frost, G. F., R. S. Coe, Z. Meng, Z. Peng, Y. Chen, V. Courtillot, G. Peltzer, P. Tapponnier, J.-Ph. Avouac, 1995, Cretaceous paleomagnetic results from the Gansu Corridor, China, *Earth Planet. Sci. Lett.*, **129**, 217-232.
74. Coe, R. S., M. Prévot, and P. Camps, 1995, New evidence for extraordinarily rapid variation of the geomagnetic field during a reversal, *Nature*, **374**, 687-692.
75. Camps, P., M. Prévot, and R. S. Coe, 1995, L'hypothèse des impulsions géomagnétiques pendant un renversement du champ: confrontation des données paléomagnétiques avec un modèle de refroidissement des laves, *C. R. Acad. Sci*, **320**, 801-809.
76. Gilder, S. A., R. S. Coe, H. R. Wu, G. D. Kuang, X. Zhao and Q. Wu, 1995, Triassic paleomagnetic data south China and their bearing on the tectonic evolution of the western circum-Pacific region, *Earth Planet. Sci. Lett.*, **131**, 269-287.

77. Camps, P., M. Prévot, and R. S. Coe, 1995, Revisiting the initial sites of geomagnetic impulses during the Steens Mountain polarity reversal, *Geophys. J. Int.*, **123**, 484-506.
78. Gilder, S. A., J. B. Gill, R. S. Coe, X. Zhao, Z. Liu, G. Wang, K. Yuan, W. Liu, G. Kuang and H. Wu, 1996, Isotopic and paleomagnetic constraints on the Mesozoic tectonic evolution of south China, *J. Geophys. Res.*, **101**, 16137-16154.
79. Gilder, S. A., X. Zhao, R. S. Coe, Z. Meng, V. Courtillot, and J. Besse, 1996, Paleomagnetism and tectonics of the southern Tarim basin, northwestern China, *J. Geophys. Res.*, **101**, 22015-22031.
80. Liddicoat, J. C., J. M. Glen, and R. S. Coe, 1996, Transitional palaeomagnetic field at the terminus of the Mammoth reverse subchron (3.05 Ma), *Surveys in Geophysics*, **17**, 183-188.
81. Zhao, X., R. S. Coe, S. A. Gilder and G. M. Frost, 1996, Paleomagnetic constraints on the paleogeography China: implications for Gondwanaland, in Li, Z. and C. McA. Powell, eds., Breakup of Rodina and Gondwanaland and assembly of Asia, *Austral. J. Earth Sci.*, **43**, 643-672.
82. Liddicoat, J. C. and R. S. Coe, 1996, Paleomagnetic investigation of Lake Lahontan sediments and its application for dating pluvial events in the northwestern Great Basin, *Quaternary Res.*, **47**, 45-53.
83. Glen, J. M., and R. S. Coe, 1997, Paleomagnetism and magnetic susceptibility of Pleistocene sediments from drill hole OL-92, Owens Lake, CA, in Smith, G. I. and J. L., Bischoff, eds., An 800,000-Year Paleoclimatic Record from Core OL-92, Owens Lake, Southeast California: Boulder, Colorado, *Geol. Soc. Amer. Spec. Pap.*, **317**, 67-78.
84. Weiler, P. D. and R. S. Coe, 1997, Paleomagnetic evidence for rapid vertical-axis rotations during thrusting in an active collision zone, northeastern Papua New Guinea, *Tectonics*, **16**, 537-550.
85. Glen, J. M., P. Renne, S. Milner and R. S. Coe, 1997, Magma flow inferred from anisotropy of magnetic susceptibility in the coastal Parana-Etendeka igneous province: Evidence for rifting before flood volcanism, *Geology*, **25**, 1131-1134
86. Kostrov, A. A., M. Perrin, J. Glen and R. S. Coe, 1998, Paleointensity of the Earth's magnetic field in early Cretaceous time: the Parana Basalt, Brazil, *J. Geophys. Res.*, **103**, 9739-9754.
87. Liddicoat, J. C., R. S. Coe and J. M. Glen, 1998, Record of the younger part of the Pringle Falls excursion at Long Valley, California, *Geophys. J. Int.*, **135**, 663-670.
88. Zhu, R. X., R. S. Coe, B. Guo, R. Anderson and X. Zhao, 1998, Inconsistent palaeomagnetic recording of the Blake Event in Chinese loess related to sedimentary environment, *Geophys. J. Int.*, **134**, 867-875.

89. Zhu, R. X., R. S. Coe, and X. Zhao, 1998, Sedimentary records of two geomagnetic excursions within the last 15,000 years in Beijing, China, *J. Geophys. Res.*, **103**, 30,323-30,333, 1998.
90. Liddicoat, J. C. and R. S. Coe, 1998, Paleomagnetic investigation of the Bonneville alloformation, Lake Bonneville, Utah, *Quaternary Res.*, **50**, 214-220.
91. Singer, B. S., K. A. Hoffman, A. Chauvin, R. S. Coe, and M. S. Pringle, 1999, Dating transitionally magnetized lavas of the late Matuyama Chron: Toward a new $^{40}\text{Ar}/^{39}\text{Ar}$ timescale of reversals and events, *J. Geophys. Res.*, **104**, 679-693.
92. Glen, J. M. G., J. C. Liddicoat, and R. S. Coe, 1999, A detailed record of paleomagnetic field change from Searles Lake, California: 1. Long-term secular variation bounding the Gauss/Matuyama polarity boundary, *J. Geophys. Res.*, **104**, 12,865-12,882.
93. Glen, J. M. G., R. S. Coe, and J. C. Liddicoat, 1999, A detailed record of paleomagnetic field change from Searles Lake, California: 2. The Gauss/Matuyama polarity reversal, *J. Geophys. Res.*, **104**, 12,883-12,894.
94. Gilder, S., P. H. Leloup, V. Courtillot, Y. Chen, R. S. Coe, X. Zhao, W. Xiao, N. Halim, J.-P. Cogné, and R. Zhu, 1999, Tectonic Evolution of the Tanchen-Lujiang (Tan-Lu) fault via Middle Triassic to Early Cenozoic Paleomagnetic Data, *J. Geophys. Res.*, **104**, 15,365-15,390.
95. Camps, P., R. S. Coe, and M. Prévot, 1999, The hypothesis of transitional geomagnetic impulses: geomagnetic fact or rock-magnetic artifact?, *J. Geophys. Res.*, **104**, 17,747-17,758.
96. Laj, C., H. Guillou, N. Szeremeta and R. S. Coe, 1999, Geomagnetic paleosecular variation at Hawaii around 3 My BP from a sequence of 107 lava flows at Kaena Point (Oahu), *Earth Planet. Sci. Lett.*, **170**, 365-376.
97. Glatzmaier, G. A., R. S. Coe, L. Hongre, and P. H. Roberts, 1999, The role of the Earth's mantle in controlling the frequency of geomagnetic reversals, *Nature*, **401**, 885-890.
98. Herrero-Bervera, E. and R. S. Coe, 1999, Transitional field behavior during the Gilbert-Gauss and Lower Mammoth reversals recorded in lavas from the Waianae volcano, O'ahu, Hawaii, *J. Geophys. Res.*, **104**, 29,157-29,173.
99. Zhao, X. R. S. Coe, K. H. Chang, S. O. Park, S. K. Omarzai, R. X. Zhu, and S. Gilder, 1999, Clockwise rotations recorded in Cretaceous rocks of South Korea: implications for tectonic affinity between Korean Peninsula and North China, *Geophys. J. Int.*, **139**, 447-463.
100. Weiler, P. D. and R. S. Coe, 2000, Rotations in the actively colliding Finisterre Arc terrane: paleomagnetic constraints on Plio-Pleistocene evolution of the South Bismarck microplate, northeastern Papua New Guinea, *Tectonophysics*, **316**, 297-325.

101. Zhu, R. X., Y. X. Pan and R. S. Coe, 2000, Paleointensity studies of a lava succession from Jilin Province, northeastern China: evidence for the Blake event, *J. Geophys. Res.*, **105**, 8305-8317.
102. Coe, R. S., L. Hongre and G. A. Glatzmaier, 2000, An examination of simulated geomagnetic reversals from a paleomagnetic perspective, *Phil. Trans. Roy. Soc. London, Series A*, **358**, 1141-1170.
103. Khan, S. O., R. S. Coe and J. A. Barron, 2001, Paleomagnetism of the middle-upper Miocene Monterey Formation, Shell Beach, Pismo Basin: Implications for the age and origin of the Monterey and tectonic block rotation in central coastal California, in Prothero, D. R. (ed.), *Magnetic Stratigraphy of the Pacific Coast Cenozoic: Pacific Section SEPM (Society for Sedimentary Geology)*, Book 91, p. 302-334.
104. Canon-Tapia, E. and R. Coe, Rock magnetic evidence of inflation of a flood basalt lava flow, *Bull. Volcanology*, **64**, 289-302, 2002
105. Plenier, G., P. Camps, R. S. Coe, and M. Perrin, 2002. Absolute palaeointensity of Oligocene (24-30 Ma) lava flows from the Kerguelen Archipelago (southern Indian Ocean), *J. Geophys. Int.*, **154**, 877-890.
106. Zhao, X., P. Riisager, J. Riisager, U. Draeger, R. S. Coe, and Z. Zheng, 2003, New Palaeointensity results from Cretaceous basalt of Inner Mongolia, China, *Physics of the Earth and Planetary Interiors*, in review.
107. Coe, R. S., B. S. Singer, M. S. Pringle, and X. Zhao, 2000, Matuyama-Brunhes reversal and Kamikatsura event on Maui: Paleomagnetic directions and $^{40}\text{Ar}/^{39}\text{Ar}$ ages, *Earth Planet. Sci. Lett.*, in review.
108. Coe, R. S., and J. M. G. Glen, 2003, The complexity of reversals, in Channell, J. E. T., D. V. Kent, and W. Lowrie (eds.), *Timescales of the internal geomagnetic field*, *Amer. Geophys. Union Monograph*, in review.
109. Liddicoat, J. C., and R. S. Coe, 2003, Anomalous paleomagnetic directions in Lake Bonneville (Utah) sediment—A possible indication of the Laschamp excursion in western North America, in Channell, J. E. T., D. V. Kent, and W. Lowrie (eds.), *Timescales of the internal geomagnetic field*, *Amer. Geophys. Union Monograph*, in review.
110. Riisager, P., Riisager, J., Zhao, X., Coe, R.S., Paleointensity from Cretaceous normal superchron; new results from submarine basaltic glass from Ontong Java Plateau, manuscript in prep.