

List of Publications - Barbara Wohlfarth

Peer-reviewed articles published in international journals

Supervised/co-supervised PhD students (*) and postdoctoral researchers (#).

1. Ahmed, E., Parducchi, L., Unneberg, P., Ågren, R., Schenk, F., Rattray, J., Han, L., Muschitiello, F., Pedersen, M. W., Smittenberg, R. H., Yamoah, K. A., Slotte, T., **Wohlfarth, B.** (2018): Archaeal community changes in Lateglacial lake sediments: evidence from ancient DNA. *Quaternary Science Reviews*, 181, 19-29. <https://doi.org/10.1016/j.quascirev.2017.11.037>
2. #Schenk, F., Väliranta, M., Muschitiello, F., Tarasov, L., Heikkilä, M., Björck, S., Brandefelt, J., Johansson A., Näslund, J. O., **Wohlfarth, B.** (2018): Warm summers during the Younger Dryas cold reversal. *Nature Communications*, 9, 1634. | DOI: 10.1038/s41467-018-04071-5.
3. **Wohlfarth, B.**, Luoto, T. P., Muschitiello, F., Väliranta, M., Björck, S., Davies, S. M., Kylander, M., Ljung K., Reimer, P. J., Smittenberg, R. H. (2018): Climate and environment in southwest Sweden 15.5-11.3 cal. ka BP. *Boreas* (in press). DOI 10.1111/bor.12310
4. *Muschitiello, F., Pausata, F. S. R., Lea, J., Mair, D., **Wohlfarth, B.** (2017): Enhanced ice sheet melting driven by volcanic eruptions during the last deglaciation. *Nature Communication* <http://dx.doi.org/10.1038/s41467-017-01273-1>.
5. *Yamoah, K. K. A., Higham, C.F.W, **Wohlfarth, B.**, *Chabangborn, A., *Chawchai. S., Smittenberg, R. H. (2017): Social response to monsoonal fluctuations in NE Thailand during the demise of the Angkor Civilization. *The Holocene*, 27, 1455-1464. DOI: 10.1177/0959683617693900
6. **Wohlfarth, B.**, *Muschitiello, F., Greenwood, S., Andersson, A., Kylander, M. Smittenberg, R. H., Steinthorsdottir, M., Watson, J., Whitehouse, N. J. (2017): Hässeldala – a key site for Last Termination climate events in northern Europe. *Boreas*, 46, 143-161. DOI 10.1111/bor.12207
7. Cuzzone, J. K., Clark, P. U., Carlson, A. E., Ullman, D. J., Rinterknecht, V. R. Milne, G. A., Lunkka, J. P., **Wohlfarth, B.**, Marcott, S. A., Caffee, M. (2016): Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. *Earth and Planetary Science Letters*, 448, 34-41. <http://dx.doi.org/10.1016/j.epsl.2016.05.019>
8. *Yamoah, K. K. A., *Chabangborn, A., *Chawchai. S., #Schenk, F., **Wohlfarth, B.**, Smittenberg, R. H. A. (2016): 2000-year leaf wax-based stable carbon and hydrogen isotope record from Southeast Asia, suggests low frequency ENSO-like teleconnections on a centennial timescale. *Quaternary Science Reviews*, 148, 44-53. DOI: [10.1016/j.quascirev.2016.07.002](https://doi.org/10.1016/j.quascirev.2016.07.002)
9. *Yamoah, K. K. A., *Chabangborn, A., *Chawchai. S., Väliranta, M., **Wohlfarth, B.**, Smittenberg, R. H. (2016): Large variability in *n*-alkane $\delta^{13}\text{C}$ values in Lake Pa Kho (Thailand) driven by wetland wetness and aquatic productivity. *Organic Geochemistry*, 97, 53-60. <http://dx.doi.org/10.1016/j.orggeochem.2016.04.008>.
10. *Yamoah, K. K. A., Callac, N., Chi Fru, E., Wiech, A., **Wohlfarth, B.**, *Chabangborn, A., Smittenberg, R. H. (2016): 150-year record of phytoplankton community succession controlled by hydroclimatic variability in a tropical lake. *Biogeosciences* 13, 3971–3980. doi:10.5194/bg-13-3971-2016.

11. **Wohlfarth, B.**, Higham, C.F.W., *Yamoah, K. A., *Chabangborn, A., *Chawchai, S., Smittenberg, R. H. (2016): Human adaptation to mid-late Holocene climate change in Northeast Thailand. *The Holocene*, 26, 1875-1886. DOI: 10.1177/0959683616645947.
12. *Muschitiello, F., Lea, J., Greenwood, S. L., Nick, F. M., Brunnberg, L., MacLeod, A., **Wohlfarth, B.** (2016): Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1. *Boreas*, 45, 322-334; doi: <http://dx.doi.org/10.1111/bor.12155>
13. *Chawchai, S., Kylander, M., *Chabangborn, A., Löwemark, L., **Wohlfarth, B.** (2016): Testing commonly used XRF core scanning based proxies for organic rich lake sediments and peat. *Boreas*, 45, 180-189. DOI: 10.1111/bor.12145. §
14. *Muschitiello, F., Pausata, F. S. R., Smittenberg, R. H., Salih, A. A. M., Watson, J. E., Brooks, S. J., Whitehouse, N. J., **Wohlfarth, B.** (2015): Fennoscandian freshwater controls Greenland hydroclimate shifts at the onset of Younger Dryas. *Nature Communications*, 6, 8939. doi:10.1038/ncomms9939.
15. *Chawchai, S., *Yamoah, K. K. A., Smittenberg, R. H., Kurkela, J., Väiliranta, M., *Chabangborn, A., Blaauw, M., Reimer, P. J., **Wohlfarth, B.** (2015): Lake Kumphawapi revisited – a synthesis of Holocene environmental and climatic changes for NE Thailand. *The Holocene* 26, 614-626. doi: 10.1177/0959683615612565. §
16. *Muschitiello, F., Andersson, A., **Wohlfarth, B.**, Smittenberg, R. H. (2015): The C20 highly branched isoprenoid biomarker – a new diatom-sourced proxy for summer trophic conditions. *Organic Geochemistry*, 81, 27-33.
17. *Chawchai, S., *Chabangborn, A., Fritz, S., Väiliranta, M., Mörth, C. M., Blaauw, M. Reimer, P. J., Krusic, P. J., Löwemark, L., **Wohlfarth, B.** (2015): Hydroclimatic shifts in northeast Thailand during the last two millennia – the record of Lake Pa Kho. *Quaternary Science Reviews*, 111, 62-71. doi:10.1016/j.quascirev.2015.01.007. §
18. *Muschitiello, F. & **Wohlfarth, B.** (2015): Time-transgressive environmental shifts at the onset of the Younger Dryas across Northern Europe. *Quaternary Science Reviews*, 109, 49-56. <http://dx.doi.org/10.1016/j.quascirev.2014.11.015>. §
19. Dutton, A., Webster, J. M., Zwartz, D., Lambeck, K. & **Wohlfarth, B.** (2015): Tropical tales of polar ice: Evidence of last interglacial polar ice sheet retreat recorded by fossil reefs of the granitic Seychelles islands. *Quaternary Science Reviews*, 107, 182-196.
20. Ampel, L., Kylander, M., #Steinhorsdottir, M. & **Wohlfarth, B.** (2015): Abrupt climate change and early lake development – the Late Glacial diatom flora at Hässeldala Port southeastern Sweden. *Boreas*, 44, 94-102. DOI:10.1111/bor.12081. §
21. #Steinhorsdottir, M., de Boer, A., Oliver, K. I. C., *Muschitiello, F., Blaauw, M. & **Wohlfarth, B.** (2015): Response to: Comment on “Synchronous records of pCO₂ and Δ¹⁴C suggest rapid, ocean-derived pCO₂ fluctuations at the onset of Younger Dryas” (Steinhorsdottir et al., 2014, *Quaternary Science Reviews* 99, 84-96). *Quaternary Science Reviews*, 107, 270-273. <http://dx.doi.org/10.1016/j.quascirev.2014.10.020>. §
22. Lascu, I., **Wohlfarth, B.**, Onac, B. P., Björck, S. & Kromer, B. (2015): A Lateglacial paleo-lake record from an up-dammed river valley in northern Transylvania, Romania. *Quaternary International*, 388, 87-96. <http://dx.doi.org/10.1016/j.quaint.2014.11.041>. §
23. Moreno, A., Svensson, A., Brooks, S. J., Connor, S., Engels, S., Fletcher, W., Genty, D., Heiri, O., Labuhn, I., Persoiu, A., Peyron, O., Sadori, L., Valero-Garcés, B., Wulf, S., Zanchetta, G. & 41 data contributors (among these **Wohlfarth, B.**) (2014): A compilation of Western European terrestrial records 60-8 ka BP: towards an understanding of latitudinal climatic gradients. *Quaternary Science Reviews* (online). <http://dx.doi.org/10.1016/j.quascirev.2014.06.030>.

24. #Steinthorsdottir, M., de Boer, A., Oliver, K. I. C., *Muschitiello, F., Blaauw, M., Reimer, P. J. & **Wohlfarth, B.** (2014): Synchronous records of pCO₂ and Δ¹⁴C suggest rapid, ocean-driven pCO₂ fluctuations at the onset of Younger Dryas. *Quaternary Science Reviews*, 99, 84-96. §
25. *Chabangborn, A. & **Wohlfarth, B.** (2014): Climate over mainland Southeast Asia 15-5 ka BP. *Journal of Quaternary Science*, 29, 445-454. §
26. *Chabangborn, A., Brandefelt, J. & **Wohlfarth, B.** (2013): The Asian monsoon climate during the Last Glacial Maximum: palaeo-data – model comparisons. *Boreas*, 43, 220-242. 10.1111/bor.12032. ISSN 0300-9483. §
27. *Muschitiello, F., Schwark, L., **Wohlfarth, B.**, Sturm, C. & Hammarlund, D. (2013): New evidence of Holocene atmospheric circulation dynamics based on lake sediments from southern Sweden: a link to the Siberian High. *Quaternary Science Reviews*, 77, 113-124. §
28. *Chawchai, S., *Chabangborn, A., Kylander, M., Löwemark, L., Mörth, C-M. Blaauw, Klubseang, W., M., Reimer, P. J., Fritz, S.C. & **Wohlfarth, B.** (2013): Lake Kumphawapi – an archive of Holocene paleoenvironmental and paleoclimatic changes in northeast Thailand. *Quaternary Science Reviews*, 68, 59-75. §
29. Fernández, M., Björck, S., **Wohlfarth, B.**, Maidana, N. I., Unkel, I. & van der Putten, N. (2013): Diatom assemblage changes in lacustrine sediments from Isla de los Estados, southernmost South America, in response to shifts in the southwesterly wind belt during the last deglaciation. *Journal of Paleolimnology*, 50, 433-446. DOI 10.1007/s10933-013-9736-4
30. #Steinthorsdottir, M., **Wohlfarth, B.**, Kylander, M. E., Blaauw, M. & Reimer, P. J. (2013): Stomatal proxy record of CO₂ concentrations from the Last Termination suggests an important role for CO₂ at climate transitions. *Quaternary Science Reviews*, 68, 43-58. §
31. #Kylander, M. E., Klaminder, J., **Wohlfarth, B.** & Löwemark, L. (2013): Geochemical responses to paleoclimatic changes in Southern Sweden since the Late Glacial: The Hässeldala Port lake sediment record. *Journal of Paleolimnology*, 50, 57-70. DOI 10.1007/s10933-013-9704-z.
32. **Wohlfarth, B.**, Klubseang, W., Inthongkaew, S., Fritz, S. C., Blaauw, M., Reimer, P. J., *Chabangborn, A., Löwemark, L., *Chawchai, S. (2012): Holocene environmental changes in northeast Thailand as reconstructed from a tropical wetland. *Global Planetary Change*, 92-93, 148-161. §
33. Van Meerbeek, C. J., Renssen, H., Roche, D. M., **Wohlfarth, B.**, Bohncke, S., Bos, H., Engels, S., Helmens, K. F., Sánchez-Goñi, M.-F., Svensson, A. & Vandenberghe, J. (2012): The nature of MIS 3 stadial-interstadial transitions in Europe: new insights from model-data comparisons. *Quaternary Science Reviews*, 30, 3618-3637.
34. Brandefelt, J., Kjellström, E., Näslund, J.-O., Strandberg, G., Voelker, A. H. L. & **Wohlfarth, B.** (2011): A coupled climate model simulation of Marine Isotope Stage 3 stadial climate. *Climate of the Past Discussion*, 7, 79-118, 2011. www.clim-past-discuss.net/7/79/2011/doi:10.5194/cpd-7-79-2011.
35. #Kylander, M. E., Ampel, L., **Wohlfarth, B.** & Veres, D. (2011): High-resolution Itrax analysis of Les Echets (France) sedimentary sequence: linking geochemical, biological and physical proxies. *Journal of Quaternary Science*, 26/1, 109-117. DOI: 10.1002/jqs.1438.
36. Blaauw, M. & **Wohlfarth, B.** (2010): Reply: Were glacial climate events simultaneous between Greenland and France? A quantitative comparison using non-tuned chronologies. *Journal of Quaternary Sciences*, 25, 1047.
37. **Wohlfarth, B.**, Alexanderson, H., #Ampel, L., Bennike, O., Engels, S., Johnsen, T., Lundqvist, J. & Reimer, P. (2010): Pilgrimstad revisited – a multi-proxy reconstruction of Early/Middle Weichselian climate and environment at a key site in central Sweden. *Boreas*, 40, 211-230. DOI: 10.1111/j.1502-3885.2010.00192.x.

38. Unkel, I., Fernandez, M., Björck, S., Ljung, K. & **Wohlfarth, B.** (2010): Records of environmental changes during the Holocene from Isla de los Estados (54.4°S), southeastern Tierra del Fuego. *Global and Planetary Change*, 74, 99-113.
39. Blaauw, M., **Wohlfarth, B.**, Christen, J. A., *Ampel, L., *Veres, D., Hughen, K. A., Preusser, F. & Svensson, A. (2010): Were last glacial climate events simultaneous between Greenland and Western Europe? *Journal of Quaternary Sciences*, 25/3, 387-394. DOI: 10.1002/jqs.1330.
40. **Wohlfarth, B.** (2010): Ice-free conditions in Sweden during Marine Isotope Stage 3? *Boreas*, 39/2, 377-398. DOI: 10.1111/j.1502-3885.2009.00137.x
41. Kjellström, E., Brandefelt, J., Näslund, J.-O., Smith, B., Strandberg, G., Voelker, A. H. L. & **Wohlfarth, B.**: (2010): Simulated climate conditions in Fennoscandia during a MIS 3 stadial. *Boreas*, 39/2, 436-456. DOI: 10.1111/j.1502-3885.2010.00143.x.
42. **Wohlfarth, B.** & Näslund, J.-O. (2010): The Fennoscandian Ice Sheet during MIS 3. *Boreas*, 39/2, 325-327. DOI: 10.1111/j.1502-3885.2010.00151.x.
43. *Ampel, L., Bigler, C., **Wohlfarth, B.**, Risberg, J., Lotter, A. F. & *Veres, D. (2010): Modest summer temperature variability during DO cycles in Western Europe. *Quaternary Science Reviews*, 29, 1322-1327.
44. *Ampel, L., **Wohlfarth, B.**, Risberg, J., *Veres, D., Leng, M. & Kaislahti, P. (2010): Diatom assemblage dynamics during abrupt climate change: the response of diatoms to Dansgaard-Oeschger cycles during the last glacial period. *Journal of Paleolimnology*, 44, 397-404.
45. Clark, P. U., Dyke, A. S., Shakun, J. D., Carlson, A. E., Clark, J., **Wohlfarth, B.**, Mitrovica, J. X., Hostetler, S. W., & McCabe, A. M. (2009): The Last Glacial Maximum. *Science*, 325, 710-714.
46. *Veres, D., Lallier-Vergès, E., **Wohlfarth, B.**, Lacourse, T., Kéravis, D., Björck, S., Preusser, F., Andrieu-Ponel, V. & *Ampel, L. (2009): Climate-driven changes in lake conditions during late MIS 3 and MIS 2: a high-resolution geochemical record from Les Echets, France. *Boreas* 38, 230-243.
47. Blaauw, M., **Wohlfarth, B.**, Christen, J. A., *Ampel, L., *Veres, D., Hughen, K. A., Preusser, F. & Svensson, A. (2008): Were last glacial climate events simultaneous between Greenland and Western Europe? *Climate of the Past Discussions* 4, 1203-1217.
48. #Gouirand, I., Linderholm, H. W., Moberg, A. & **Wohlfarth, B.** (2008): On the spatio-temporal characteristics of Fennoscandian tree-ring based summer temperatures reconstructions. *Theoretical and Applied Climatology*, 91, 1-25.
49. **Wohlfarth, B.**, *Veres, D., *Ampel, L., #Lacourse, T., Blaauw, M., Preusser, F., Andrieu-Ponel, V., Kéravis, D., Lallier-Vergès, E., Björck, S., Davies, S., de Beaulieu, J.-L., Risberg, J., Hormes, A., Kasper, H.U., Possnert, G., Reille, M., Thouveny, N. & Zander, A. (2008): Rapid ecosystem response to abrupt climate changes during the last glacial period in western Europe, 40-16 ka *Geology*, 36/5, 407-410.
50. *Feurdean, A., Klotz, S., Mosbrugger, V. & **Wohlfarth, B.** (2008): Pollen-based quantitative reconstruction of Holocene climate variability in NW Romania. *Palaeogeography, Palaeoclimatology, Paleoecology*, 260, 494-504.
51. *Ampel, L., **Wohlfarth, B.**, Risberg, J. & *Veres, D. (2008): Paleolimnological response to millennial and centennial scale climate variability during MIS 3 and 2 as suggested by the diatom record in Les Echets, France. *Quaternary Science Reviews*, 27, 1493-1504.
52. *Veres, D., Davies, S. M., **Wohlfarth, B.**, Preusser, F., Wastegård, S., *Ampel, L., Hormes, A., Possnert, G., Raynal & J.-P., Vernet, G. (2008): Age, origin and significance of a new middle MIS 3 tephra horizon identified within a long-core sequence from Les Echets, France. *Boreas*, 37, 434-443.
53. **Wohlfarth, B.**, Björck, S., Funder, S., Houmark-Nielsen, M., Ingólfsson, Ó., Lunkka, J. P., Mangerud, J., Saarnisto, M. & Vorren, T. (2008): Quaternary of Norden. *Episodes*, 31/1, 73-81.

54. *Feurdean, A., Klotz, S., Brewer, S., Mosbrugger, V., Tamas, **Wohlfarth, B.** (2008): Lateglacial climate development in NW Romania – Comparative results from three quantitative pollen-based methods. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 265, 121-133.
55. Unkel, I. Björck, S. & **Wohlfarth B.** (2008): Deglacial environmental changes on Isla de los Estados (54.4°S), southeastern Tierra del Fuego. *Journal of Quaternary Sciences*, 27, 1541-1554.
56. Kromer, B., **Wohlfarth, B.** & Turk, D. (2007): Radiocarbon and ice-core chronologies during glacial and deglacial times. *EOS*, 88, 278.
57. #Davies, S. M., Elmquist, M., Bergman, J. **Wohlfarth, B.** & Hammarlund, D. (2007): Cryptotephra sedimentation processes within two lacustrine sequences from west central Sweden. *The Holocene*, 17/3, 1-13.
58. *Veres, D., **Wohlfarth, B.**, Andrieu-Ponel, V., Björck, S., de Beaulieu, J.L., Digerfeldt, G., Ponel, P., *Ampel, L., Davies, S., Gandouin, E. & Belmecheri, S. (2007): Lithostratigraphy of the Les Echets Basin, France: tentative correlations between different core sites. *Boreas*, 36, 326-340.
59. *Feurdean, A., **Wohlfarth, B.**, Björkman, L., Tantau, I., Bennike, O., Willis, K. J., Farcas, S. & Robertsson, A. M. (2007): The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. *Review of Paleobotany and Palynology*, 145, 305-320.
60. **Wohlfarth, B.**, #Lacourse, T., Bennike, O., Subetto, D. A., Demidov, I., Filimonova, L., Tarasov, P. & Sapelko, T. (2007): Climatic and environmental changes in NW Russia between 15,000 and 8000 cal yr BP: a review. *Quaternary Science Reviews*, 26, 1871-1883.
61. Helmens, K. F., Bos, J. A. A., Engels, S., van Meerbeeck, C. J., Bohncke, S. J. P., Renssen, H., Heiri, O., Brooks, S. J., Seppä, H., Birks, H. J. B. & **Wohlfarth, B.** (2007): Present-day temperatures in northern Scandinavia during the Last Glaciation. *Geology*, 35, 11, 987-990.
62. **Wohlfarth, B.**, Blaauw, M. #Davies, S. M., Andersson, M., Wastegård, S., Hormes, A. & Possnert, G. (2006): Constraining the age of Lateglacial and early Holocene pollen zones and tephra horizons in southern Sweden with Bayesian probability methods. *Journal of Quaternary Science*, 21/4, 321-334.
63. **Wohlfarth, B.**, Tarasov, P., Bennike, O., #Lacourse, T., Subetto, D., Torssander, P. & Romanenko, F. (2006): Late Glacial and Holocene palaeoenvironmental changes in the Rostov-Yaroslavl' area, central-west Russia. *Journal of Paleolimnology*, 35, 543-569.
64. Banks, W. E., d'Errico, F., Dibble, H., Krishtalka, L., West, D., Olszewski, D., Townsend Peterson, A., Gillam, J. C., Montet-White, A., Crucifix, M., Marean, C. W., Sánchez-Goñi, M.-F., **Wohlfarth, B.** & Vanhaeren, M. (2006): Eco-Cultural Niche Modeling: new tools for reconstructing the geography and ecology of past human populations. *PaleoAnthropology*, 68-83.
65. Houmark-Nielsen, M., Björck, S. & **Wohlfarth, B.** (2006): 'Cosmogenic ¹⁰Be ages on Pommeranian Moraine, Poland': Comments. *Boreas Comments*, *Boreas*, 35, 1-5.
66. *Bergman, J. Hammarlund, D., Barnekow, L. & **Wohlfarth, B.** (2005): Deglacial vegetation succession and Holocene tree-limit dynamics in the Scandes Mountains, west-central Sweden: stratigraphic data compared to megafossil evidence. *Review of Paleobotany and Palynology*, 134, 129-151.
67. **Wohlfarth, B.**, Schwark, L., Bennike, O., Filimonova, L., Tarasov, P., Björkman, L., Brunnberg, L., Demidov, I. & Possnert, G. (2004): Unstable early Holocene climatic and environmental conditions in northwestern Russia derived from a multidisciplinary study of a lake sediment sequence from Pichozero, southeastern Russian Karelia. *The Holocene*, 14/5, 732-746.
68. *Bergman, J., Wastegård, S., Hammarlund, D., **Wohlfarth, B.** & Roberts, S. J. (2004): Holocene tephra horizons of the Klocka bog, west-central Sweden: Aspects of distribution, deposition and reproducibility. *Journal of Quaternary Science*, 19, 1-9.
69. Hammarlund, D., Velle, G., Wolfe, B. B., Edwards, T. W. D., Snowball, I., Barnekow, L., Holmgren, S., Lamme, S., **Wohlfarth, B.** & Possnert, G. (2004): Palaeolimnological and

- sedimentary responses to Holocene forest retreat in the Scandes Mountains, west-central Sweden. *The Holocene*, 14/6, 862-876.
70. #Davies, S. M., **Wohlfarth, B.**, Wastegård, S., Andersson, M., Possnert, G. & Blockley, S. (2004): Were there two Borrobol Tephros during the early Lateglacial period: implications for tephrochronology? *Quaternary Science Reviews*, 23, 581-589.
 71. Clague, J. J., **Wohlfarth, B.**, Ayotte, J., Eriksson, M., Hutchinson, I., Mathewes, R. W., Walker, I. R. & Walker, L. (2004): Late Holocene environmental change at treeline in the Northern Coast Mountains, British Columbia, Canada. *Quaternary Science Reviews*, 23-24, 2413-2431.
 72. Björkman, L., *Feurdean, A. & **Wohlfarth, B.** (2003): Late Glacial and Holocene forest dynamics at Steregoiu in the Gutaiului Mountains, Northwest Romania. *Review of Palaeobotany and Palynology*, 124, 79-111.
 73. #Davies, S., Wastegård, S. & **Wohlfarth, B.** (2003): Extending the limits of the Borrobol Tephra to Scandinavia and detection of new early Holocene tephros. *Quaternary Research*, 59, 345-352.
 74. Björkman, L., *Feurdean, A., Cinthio, K., **Wohlfarth, B.** & Possnert, G. (2002): Late Glacial and early Holocene woodland development in the Gutaiului Mountains, NW Romania. *Quaternary Science Reviews*, 21, 1039-1059.
 75. Subetto, D. A., **Wohlfarth, B.**, Davydova, N. N., Sapelko, T. V., Björkman, L., Solovieva, N., Wastegård, S., Possnert, G. & Khomutova, V. I. (2002): Climate and environment on the Karelian Isthmus, northwestern Russia, 13 000-9000 cal yrs BP. *Boreas*, 31, 1-19.
 76. *Sander, M., Bengtsson, L., Holmquist, B. & **Wohlfarth, B.** (2002): The relationship between annual varve thickness and maximum annual discharge (1909-1971 AD). *Journal of Hydrology*, 236, 23-35.
 77. **Wohlfarth, B.**, Filimonova, L., Bennike, O., Björkman, L., Brunnberg, L., Lavrova, N., Demidov, I. & Possnert, G. (2002): Late Glacial and early Holocene environmental and climatic change at Lake Tambichozero in south-eastern Russian Karelia. *Quaternary Research*, 58, 261-272.
 78. Lundqvist, J. & **Wohlfarth, B.** (2001): Timing and east-west correlation of south Swedish ice marginal lines during the Late Weichselian. *Quaternary Science Reviews*, 20, 1127-1148.
 79. Björck, S. & **Wohlfarth, B.** (2001): ¹⁴C chronostratigraphic techniques in paleolimnology. In Last, W. M. and Smol, J. P. (eds): *Tracking Environmental Change Using Lake Sediments: Physical and Chemical Techniques*. Kluwer Academic Publishers, Dordrecht, The Netherlands, 205-245.
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