**Appendix 1.**

**Appendix 1. Supplementary figures**

**Fig. S1.** Relationships between (A) flea functional divergence and air temperature in the Nearctic; (B) flea functional regularity and the amount of green vegetation in the Nearctic; and (C) flea functional divergence and vegetation in the Palearctic. Coefficients of the regressions lines are from phylogenetic generalised least squares.

