**Guide to files included in this archive**

The excel (.xlsx) files “ES 1 …” – “ES 9 …” constitute the electronic supplement to our study. These files include many spread sheets with relevant data as referenced in the main text. Data included in these files is extensively annotated, and in many spread sheets the automatic filter option is activated to facilitate search for particular information.

Feel free to contact the first author for help and further instructions.

The file “Study Related Locations.kmz” includes a collections of ‘places’ related to our study, i.e. co-ordinates (and more) of selected climate stations (see ES 7), relevés (see ES 1, 3, 5, and 6), and a list of Chinese counties that account for problematic data in Fang et al. (2009), i.e. too low MATmin or too high MATmax recorded for some taxa (cf. ES 8).

You must have GoogleEarth installed to use this file. Go to the file menu > open or use right-click > open with … (choose GoogleEarth) to view the data.

The folder “GIS-files” includes MAT and correlated altitude grid files to be used with any GIS software. Disclaimer: The files were generated with the free GIS software diva-gis, [www.diva-gis.org](http://www.diva-gis.org), and have not been checked with other programmes.

Also included are a database and the corresponding shapefile with the co-ordinates of the climate stations/points listed in ES 7.