

## Supplementary material

### Appendix 1

Package “betaper 1.1-0” for the R environment. This package contains functions to incorporate taxonomic uncertainty on multivariate analyses of ecological data.

[Download betaper](#)

### Appendix 2

Tree abundance data from 16 forest fragments located in the Highlands of Chiapas, southern Mexico and geographical UTM coordinates for the 16 forest fragments’ centroids.

[Download Appendix 2.xls](#)