**Adjacency and area explain species bioregional shifts in Neotropical palms**

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**Appendix S3**. **Figures**



**Figure S1**. Bayesian phylogenetic hypothesis for the American palms, based on the chloroplast *matK* *orf* and *RPB2* nuclear gene. Numbers above the branches are posterior probabilities.



**Figure S1**. (cont.)



**Figure S1**. (cont.)

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**Figure S2**. Annual mean temperature and annual precipitation for each bioregion. Bioregion abbreviations are defined in Table S2 in Appendix S4.

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**Figure S3**. Annual mean temperature and annual precipitation for each tropical rain forest bioregions (TRF) and non tropical rain forest bioregions (non-TRF).



**Figure S4**. Relationship between species richness and the bioregion area (km2). Bioregion abbreviations are defined in Table S2 in Appendix S4.