

1 **Elephant rewilding affects landscape openness and fauna habitat across a 92-year period**

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13 ***Appendix S5***

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17 **Appendix S5. Coefficient estimates from Bayesian generalised linear models testing**  
18 **associations between elephant site-occupancy and various ecological responses.**

19 **Figure S1:** Zero-centered coefficient estimates from separate Bayesian generalised linear models  
20 testing associations between eight response variables and elephant site-occurrence alone (blue; SO)  
21 and the interaction between elephant site-occurrence and nature reserve (orange; SO:Re; Nature  
22 Reserve= Re). The eight responses are: a) tree density, b) *Senegalia nigrescens* density, c) tree  
23 impact, d) density of trees bearing small-sized hollows, e) medium-sized coarse woody debris  
24 (CWD) abundance, f) large-sized CWD abundance, g) *Grewia* spp. density and h) the collective  
25 canopy size of all woody plant species (excluding trees). Points show median coefficient estimates  
26  $\pm$  the central 50 % (thick) and 95 % (thin) credible intervals.

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