**Supplementary Material**

Diet specialisation reduces the occupancy of cocoa agroforests by diurnal raptors

JULIANA MONTEIRO DE ALMEIDA-ROCHA, JULIO AMARO BETTO MONSALVO and LEONARDO DE CARVALHO OLIVEIRA

**Contents**

Table S1. Biological traits and ecological information compiled for each species in the potential dataset.

Table S2. Diurnal raptor species with potential occurrence in the study region and information regarding geographical distribution, diet, foraging preferences, body size, sensitivity to habitat disturbance, abundance pattern and conservation status.

Table S3. Habitat variables measured in seven plots of 200m² in 16 *cabruca* sites, applied methodology, and final co-variables used in the occupancy modeling.

Table S4. Diurnal raptors species recorded between August 2014 and May 2015 in 16 *cabruca* sites (S1-S16).

Table S5. Species detected per sampling method - playback (PB), point count (PC), active search (AS) - and occasionally (O) in 16 *cabruca* sites.

Table S6. Characterization of *cabruca* sites regarding the vegetation structure, habitat quality and vegetation cover in the landscape.