**Supplemental Material**

**Grassland management effect on ecosystems services in the livestock system in an oxisol from the Eastern highland plains of Colombia**

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**Figure 1.** Panoramic view of grasslands before, during and after the intervention with recovery practices at CI Carimagua (Source: O. Pérez).



**Figure 2.** Production of sorghum-soybean crops for silage production and grassland renewal. CI Carimagua (Source: O. Perez)



**Figure 3.** Silvopastoral arrangement in strips provides shade for animal comfort and the central groove of trees serves to support the electric fence (Source: O. Pérez).



**Figure 4.** General view of the experiment showing the areas with protected forest relicts on the paddocks periphery (Source: R.A. Díaz, O. Pérez).