All derived data presented here describe the environmental (land use, distance from nearest village, size of that village), vegetation, and large vertebrate community characteristics for 24, 2-km transects in the Invido landscape in northeast Gabon. Please see Koerner et al. Journal of Applied Ecology, **Vertebrate community composition and diversity declines along a defaunation gradient radiating from rural villages in Gabon** for details on how derived data included here were calculated. Below you will find a table, which provides a description of each column and the units for that column.

Table 1. Column descriptions and units.

|  |  |  |
| --- | --- | --- |
| Column Name | Description | Units |
| TransectID | Unique number given to each of the 24 transects | NA |
| Distance | Distance to nearest village for each transect | km |
| HuntCat | Hunting intensity category assigned based on Distance (<6=High, 6-15=Moderate, >15=None) | NA |
| NumHouseholds | Number of households in the nearest village to each transect | No. of households |
| LandUse | Broad land use categories (Park=Inside National Park, Logging=Inside a logging concession, Neither=Neither inside a park or a logging concession) | NA |
| Veg\_Rich | Mean tree richness in 78.5 m2 plots (n=8 per transect) | No. of tree species |
| Veg\_Stems | Mean tree stem density in 78.5 m2 plots (n=8 per transect) | No. of tree stems |
| Veg\_liana | Mean liana stem density in 78.5 m2 plots (n=8 per transect) | No. of liana stems |
| Veg\_DBH | Mean individual tree DBH in 78.5 m2 plots (n=8 per transect) | cm |
| Veg\_Canopy | Mean canopy cover in 78.5 m2 plots (n=8 per transect) with 0 being open canopy cover and 4 being 100% canopy cover (i.e., closed canopy) | NA |
| Veg\_Understory | Mean understory cover in 78.5 m2 plots (n=8 per transect) with 0 being open understory and 4 being 100% closed understory | NA |
| RA\_Apes | Relative abundance of apes | % |
| RA\_Birds | Relative abundance of birds | % |
| RA\_Elephant | Relative abundance of elephants | % |
| RA\_Monkeys | Relative abundance of monkeys | % |
| RA\_Rodent | Relative abundance of rodents | % |
| RA\_Ungulate | Relative abundance of ungulates | % |
| Rich\_AllSpecies | Large vertebrate community richness | No. of species |
| Evenness\_AllSpecies | Large vertebrate community evenness | NA |
| Diversity\_AllSpecies | Large vertebrate community diversity (Shannon-Weiner) | NA |
| Rich\_BirdSpecies | Bird community richness | No. of species |
| Evenness\_BirdSpecies | Bird community evenness | NA |
| Diversity\_BirdSpecies | Bird community diversity (Shannon-Weiner) | NA |
| Rich\_MammalSpecies | Mammal community richness | No. of species |
| Evenness\_MammalSpecies | Mammal community evenness | NA |
| Diversity\_MammalSpecies | Mammal community diversity (Shannon-Weiner) | NA |