

Supplementary Information

Title: Soundscape to explore local communities land use in a key biodiversity area, Sierra Nevada de Santa Marta, Colombia

Appendix S1. Differences between localities in the Fundación River basin for the Acoustic Complexity Index (ACI), Bioacoustic Index (BIO), Acoustic Equity Index (AEI), Normalized Differential Soundscape Index (NDSI), Acoustic Diversity Index (ADI), Acoustic Richness Index (AR), Acoustic Entropy Index (H), Acoustic Amplitude Index (M), and Temporal Entropy Index (Ht). Results (p-values) conducted in R. Gray color indicates significant differences ($p < 0.001$) between the localities.

		Aracataca	Kankawarwa	Umake
ACI	Kankawarwa	0.354		
	Umake	0.001	0.001	
	Kochukwa	0.001	0.001	0.001
BIO	Kankawarwa	0.001		
	Umake	0.001	0.005	
	Kochukwa	0.001	0.001	0.002
AEI	Kankawarwa	0.002		
	Umake	0.003	0.001	
	Kochukwa	0.001	0.001	0.001
NDS	Kankawarwa	0.296		

	Umake	0.001	0.035	
	Kochukwa	0.001	0.001	0.025
ADI	Kankawarwa	0.551		
	Umake	0.001	0.001	
	Kochukwa	0.001	0.001	0.443
AR	Kankawarwa	0.572		
	Umake	0.001	0.001	
	Kochukwa	0.001	0.001	0.111
H	Kankawarwa	0.001		
	Umake	0.002	0.001	
	Kochukwa	0.001	0.001	0.001
M	Kankawarwa	0.907		
	Umake	0.562	0.598	
	Kochukwa	0.092	0.173	0.393
Ht	Kankawarwa	0.410		
	Umake	0.002	0.104	
	Kochukwa	0.002	0.030	0.571