Index	Name	Main reference
ACI	Acoustic complexity index	Pieretti et al. (2011)
ACTspCount	Spectral activity count	Towsey et al. (2017)
ACTspFract	Spectral activity fraction	Towsey et al. (2017)
ACTspMean	Spectral activity mean	Towsey et al. (2017)
ACTtCount	Temporal activity count	Towsey et al. (2014)
ACTtFraction	Temporal activity fraction	Towsey et al. (2014)
ACTtMean	Temporal activity mean	Towsey et al. (2014)
ADI	Acoustic diversity index	Villanueva-Rivera et al. (2011)
AEI	Acoustic evenness index	Villanueva-Rivera et al. (2011)
AnthroEnergy	Energy of the anthropophony	Kasten, et al. (2012)
BGNf	frequency background noise	no reference
BGNt	temporal background noise	no reference
BI	Bioacoustic index	Boelman et al. (2007)
BioEnergy	Energy of the biophony	Kasten, et al. (2012)
EAS	Entropy of average spectrum	Towsey et al. (2017)
ECU	Entropy of spectral variance	Towsey et al. (2014)
ECV	Entropy of the spectrum of coefficients of variation	Towsey et al. (2017)
EPS	Entropy of spectral maxima	Towsey et al. (2014)
EPS_KURT	Kurtosis of spectral maxima	Towsey et al. (2014)
EPS_SKEW	Skewness of spectral maxima	Towsey et al. (2014)
EVNspCount	Spectral event count	Towsey et al. (2017)
EVNspFract	Spectral event fraction	Towsey et al. (2017)
EVNspMean	Spectral event mean	Towsey et al. (2017)
EVNtCount	Temporal event count	Towsey et al. (2020)
EVNtFraction	Temporal event fraction	Towsey et al. (2020)
EVNtMean	Temporal event mean	Towsey et al. (2020)
H_gamma	Gamma frequency entropy	Zhao (2010)
H_GiniSimpson	Gini-Simpson frequency entropy	Zhao (2010)
H_Havrda	Havrda-Charvat frequency entropy	Zhao (2010)
H_pairedShanno	paired Shannon spectral entropy	Zhao (2010)
H_Renyi	Renyi frequency entropy	Zhao (2010)
Hf	Frequency entropy	Sueur et al. (2008)
HFC	High frequency cover	Towsey et al. (2017)
Ht	Temporal entropy	Sueur et al. (2008)
KURTf	frequency kurtosis	no reference

Index	Name	Main reference
KURTt	temporal kurtosis	no reference
LEQf	frequency continuous equivalent sound level	no reference
LEQt	temporal continuous equivalent sound level	no reference
LFC	low frequency cover	Towsey et al. (2017)
MEANf	frequency mean	no reference
MEANt	temporal mean	no reference
MED	temporal median value of the envelope	no reference
MFC	mid frequency cover	Towsey et al. (2017)
NDSI	Normalised difference soundscape index	Kasten, et al. (2012)
NBPEAKS	Number of frequency peaks	Gasc et al. (2013)
RAOQ	Rao's quadratic entropy	Botta-Dukat (2005)
rBA	biophony/antoropophony ratio	no reference
ROU	roughness of the spectrogram	Ramsay & Silverman (2005)
SKEWf	frequency skewness	no reference
SKEWt	temporal skewness	no reference
SNRf	frequency signal-to-noise ratio	no reference
SNRt	temporal signal-to-noise ratio	no reference
TFSD	normalized time and frequency second derivative	Aumond et al. (2017)
VARf	frequency variance	no reference
VARt	temporal variance	no reference
ZCR	zero-crossing rate	no reference
ENRf	Total energy in dB computed in the frequency domain which corresponds to the average of the power spectrogram then the sum of the average	Towsey, et al. (2013)
AGI	Acoustic Gradient index	no reference
ROItotal	Total number of Regions of Interest (ROI) found. The higher is the number of ROI, the higher is the acoustic abondance and/or richness expected	no reference
ROIcover	Percentage of spectrogram cover. The higher is the cover percentage, the higher is the acoustic richness expected.	no reference