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List of abbreviation

RTL Relative tail length Amsl Above mean sea level

UV Ultra violet

SOS Sessa orchid sanctuary

KPAC Kameng protected area complex

Fig. **Figure**

EHBLF Eastern Himalaya broadleaf forest

DSF Degraded scrub forest

HMLC Human-modified landscape **MCF** Mixed coniferous forest **ANOVA** Analysis of variance **ICP-OES** Inductive coupled plasma

RGB Red Green Blue

PCA Principal components analysis **GPS** Global positioning system **DEM** Digital elevation model

GIS Geographical information system

AVHRR Advanced very high resolution radiometer Normalized difference vegetation index **NDVI**

SRTM Shuttle radar topographic mission

ENM Ecological niche modelling

AUC Area under the receiving operator curve **EHSWHF** Eastern Himalaya sub-tropical wet hill forest

NTFP Non timber forest product

SPSS Statistical package for the social sciences

Sp Species

IVI Important value index FAI Food availability index **DPL**

Daily path length

HDFM Human Dominated Forest Matrix

NV Nutritive value TC Total carbohydrates **FFT** Fast Fourier Transform

LP Linear prediction