**Supplementary Material**

Range-wide and regional distribution of the Western Tragopan *Tragopan melanocephalus* and effects of disturbance on local abundances

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Figures S1-S5. Potential future distribution of the Western Tragopan *Tragopan melanocephalus* according to MaxEnt models projected onto climatic conditions for 2070 as derived from the global circulation models; BCC-CSM1-1 and MIROC-ESM-CHEM (S1); HadGEM2-ES and IPSL-CM5A-LR (S2); MIROC5 and MRI-CGCM3 (S3); GISS-E2-R and HadGEM2-AO (S4); and NorESM1-M (S5). Suitability ranges from moderate (dark blue) to high (red). Regions where climatic conditions exceed those of the calibration range (MESS) are displayed in blue.

Table S1. Contribution of environmental predictor variables, AUC values, and extent of environmentally suitable space for future climatic conditions as derived from the global circulation models.

Table S2. Anthropogenic disturbance from hunters and collectors of mushrooms and medical plants at census points as inferred from 106 questionnaires filled out by local people.

Table S3. Occurrence records of the Western Tragopan *Tragopan melanocephalus* used for species distribution modelling.

Table S4. Results of principal component analysis based on six disturbance indices.