Table S1: List of environment variables used in MaxEnt modelling.

Environment Variables	Units	Data sources
Land-use[1]	-	Resource and Environment Science and Data Center (www.resdc.cn)
Distance to water system	m	National Catalogue Service for Geographic Information (www.webmap.cn)
Topographical variables		
Elevation	m	
Slope	°	Geospatial Data Cloud (www.gscloud.cn)
Aspect	Mean aspect	
Bioclimatic variables		
BIO1 (Annual Mean Temperature)	℃*10	
BIO2 (Mean Diurnal Range) (Mean of monthly (max temp - min temp))	℃*10	
BIO3 (Isothermality)	1	
BIO4 (Temperature Seasonality)	1	
BIO5 (Max Temperature of Warmest Month)	℃*10	
BIO6 (Min Temperature of Coldest Month)	℃*10	
BIO7 (Temperature Annual Range)	℃*10	
BIO8 (Mean Temperature of Wettest Quarter)	℃*10	
BIO9 (Mean Temperature of Driest Quarter)	℃*10	WorldClim（www.worldclim.org）
BIO10 (Mean Temperature of Warmest Quarter)	℃*10	
BIO11 (Mean Temperature of Coldest Quarter)	℃*10	
BIO12 (Annual Precipitation)	mm	
BIO13 (Precipitation of Wettest Month)	mm	
BIO14 (Precipitation of Driest Month)	mm	
BIO15 (Precipitation Seasonality)	1	
BIO16 (Precipitation of Wettest Quarter)	mm	
BIO17 (Precipitation of Driest Quarter)	mm	
BIO18 (Precipitation of Warmest Quarter)	mm	
BIO19 (Precipitation of Coldest Quarter)	mm	

[1] Final choice environment variables in italics.