



## Supplementary Material

# Habitat Evaluation for Reintroduced Crested Ibis (*Nipponia nippon*) in Dongzhai National Nature Reserve, China, Based on a Maximum Entropy Model

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**Supplementary Table I.- The compare of environmental conditions of Yangxian, Ningshan and Luoshan County.**

County	Yangxian	Ningshan	Luoshan
Coordinate	107°11'-108°03' E 33°02'-33°43' N	108°02'-108°56' E 33°08'-33°50' N	114°18'--114°30' E 31°28'--32°09' N
Annual average temperature	13 °C	12.2 °C	15.1 °C
Jan average temperature	2.1 °C	0.6 °C	2 °C
Jul average temperature	26.3 °C	23.3 °C	28 °C
Annual precipitation	900-1000 mm	899 mm	1208.7 mm
Sunshine duration	1824.6 h	1638.3 h	2116.3 h
Altitude range	450~1200 m	322~2965 m	100~840 m
Soil type	Yellow-brown soil	Brown soil and yellow-brown soil	Yellow-brown soil and yellow-cinnamon soil
Vegetation type	Warm temperate deciduous broad - leaved forest, northern subtropical evergreen broad - leaved forest and broad - leaved mixed forest	Temperate deciduous forest, subtropical evergreen and deciduous broad - leaved mixed forest	Coniferous broad - leaved mixed forest
Water, wetland, paddy field	It has 80 reservoirs and 2232 ponds, with a total area of 710.6 hm <sup>2</sup> and a paddy area of 12773 hm <sup>2</sup>	Rivers area above 5 km <sup>2</sup> is 120, paddy fields are distributed in the valley	Ponds, lakes, dams are densely distributed, numerous rivers, all kinds of water area of 7550hm <sup>2</sup> , paddy field area of 44800 hm <sup>2</sup>

Yangxian County is where the crested ibis rediscovered, Ningshan County is the reintroduction project in Shaanxi Province, Luoshan is the first reintroduction out of Shaanxi in China.

