

**Table S1.** A. Permutation importance value (%) of the bioclimatic variables used for the Ecological Niche Models (ENMs) of the Andean and the Subtropical Lowland clades of *Jaborosa*.

Bioclimatic variable	Permutation importance
<i>Andean clade</i>	
mean diurnal range temperature	46.1
specific humidity seasonality	20.4
maximum temperature of the warmest month	15
temperature seasonality <sup>2</sup>	12.2
altitude	2.5
mean temperature of the least humid quarter	2.1
mean specific humidity of the coldest quarter	1.1
isothermality <sup>1</sup>	0.6
<i>Subtropical Lowland clade</i>	
altitude	72.6
specific humidity seasonality <sup>3</sup>	17.3
specific humidity of the most humid month	3.8
mean diurnal range temperature	3
specific humidity of the least humid month	2.1
isothermality <sup>1</sup>	1.3

<sup>1</sup>mean diurnal range temperature/temperature annual range \* 100

<sup>2</sup>standard deviation \*100

<sup>3</sup>coefficient of variation