

Short Note

The correspondence between environmental similarity and
geographical sympatry in *Uromastyx* species

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Supplementary material

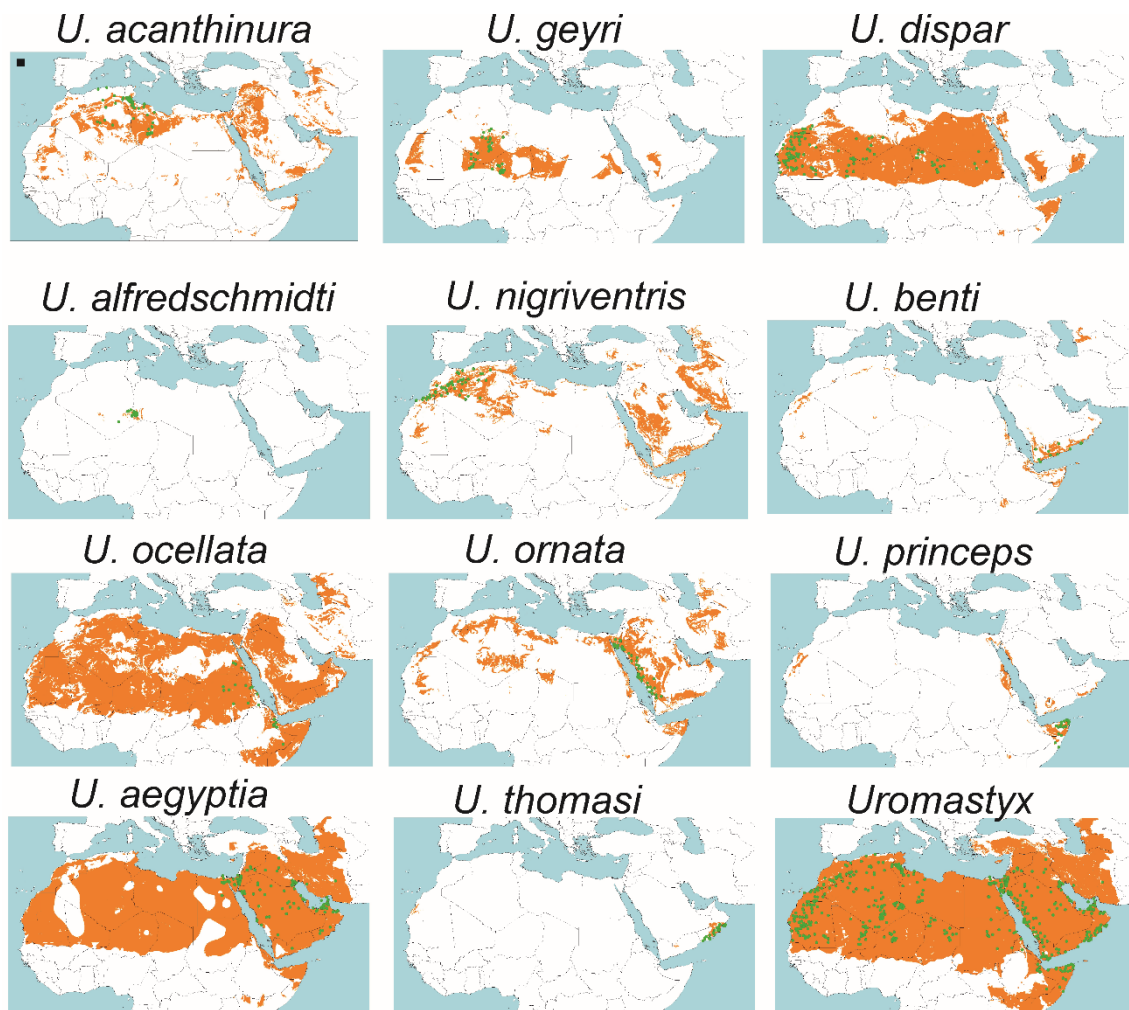


Figure S1. Available occurrences for each one of the *Uromastix* species and for the genera (green points), and potential distributions according to the followed procedure within the considered area. The black square in the map of *U. acanthinura* represents a 1° cell.

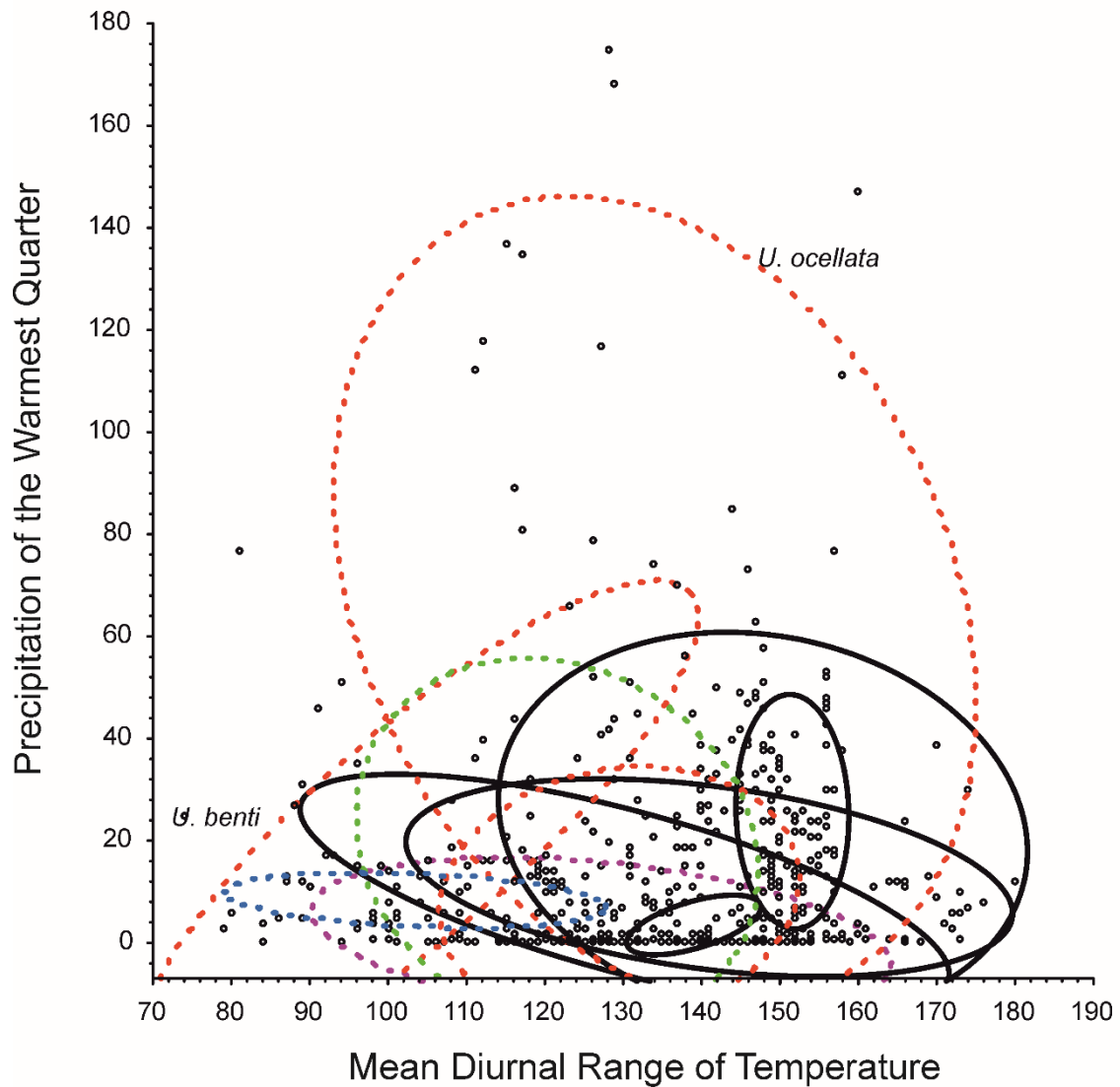


Figure S2. Distribution of all *Uromastix* occurrences (open circles) in the gradient represented by the two environmental variables with a higher discriminatory capacity (see table 2), and location in this gradient of the species of the *ocellata* group (ellipses with red dashed line). *U. princeps*, *U. aegyptia* and *U. thomasi* are represented by green, violet and blue ellipses with dashed lines, while black lines are those of the species belonging to the *acanthinura* group. The centre of each circle represents mean

environmental values of species occurrences while the size of the circles is proportional to the standard deviation of these values. The different colours represent the five recognized phylogenetic groups of species according to Tamar et al. (2018).