

Ecography

**ECOG-01298**

Ferrer, M. M., Montaña, C. and Franco, M. 2015. Habitat-specific demography, source-sink dynamics, and the niche of a common shrub in a heterogeneous and fluctuating environment. – *Ecography* doi: 10.1111/ecog.01298

**Supplementary material**

Appendix 1. Supplementary figures.

Figure A1. The variation in elasticity (of population growth rate to changes in four vital rates) with total annual precipitation for (a) LR population and (b) HR population of *Flourensia cernua* over the period 1997-2004. Diamonds: survival, squares: growth, triangles: retrogression, circles: fecundity

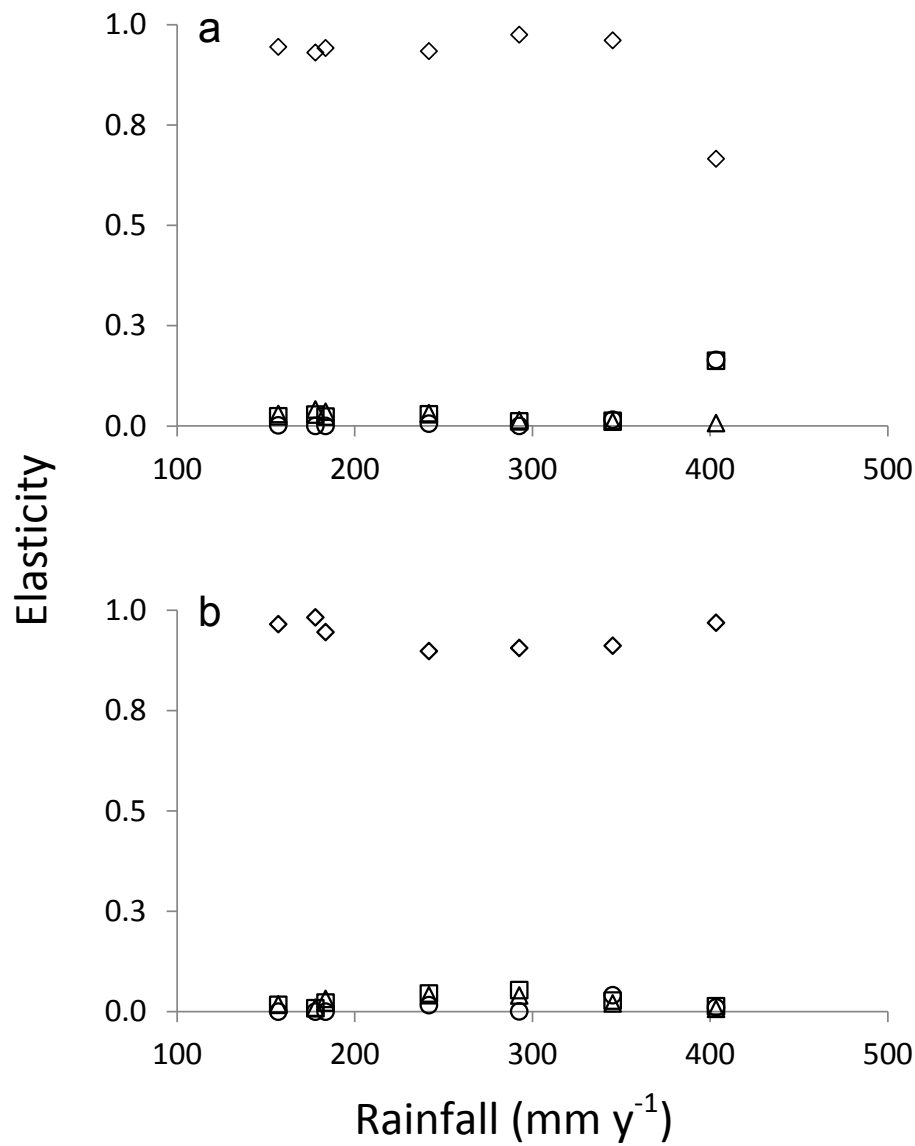


Figure A2. The cumulative probability of quasi-extinction for populations of *Flourensiacernua* growing in high density patches (HR) for quasi-extinction thresholds of 10% (left curve) and 5% (right curve) of initial adult population numbers. The slight irregularity of the curves is due to the fact that each curve is in reality the superposition of 10 independent runs.

