Geographical coordinates of *Mepraia spinolai* and *M. gajardoii*

Current and future* climatic variables.
*GCMs: CC, GS, HE, IP, and MR, with 4 scenarios (RCPs 2.6, 4.5, 6.0, and 8.5)*

- Data cleaning with nichetoolbox
- Selection of Calibration (M) and Projection areas

**Maxent**
Deactivation of Extrapolation and Clamping;
Crossvalidation; Logistic output; Evaluation: AUC

Current continuous potential suitability and Future continuous potential suitability, one by each scenario within the five GCMs, for each species

**QGIS Raster calculator**
Binary transformation using Threshold:
Minimum predicted value at a presence location for each species.
[Suitability value ≥ Threshold] = 1; [Suitability value < Threshold] = 0

**QGIS Raster calculator**
- High risk situation: Boolean logic operator “OR” applied in each scenario to the 5 GCMs, obtaining one binary prediction per RCP
- Low risk situation: Boolean logic operator “AND” applied in each scenario to the 5 GCMs, obtaining one binary prediction per RCP

**QGIS Raster calculator**
Comparison of binary current potential distribution with future predictions:
Detection of Stable, Retraction, and Expansion areas

**Qgis Mapping of potential distribution:**
- Current potential distribution
- High risk situation for each scenario
- Low risk situation for each scenario

Figure S4. Flow diagram of the methods followed in this study.