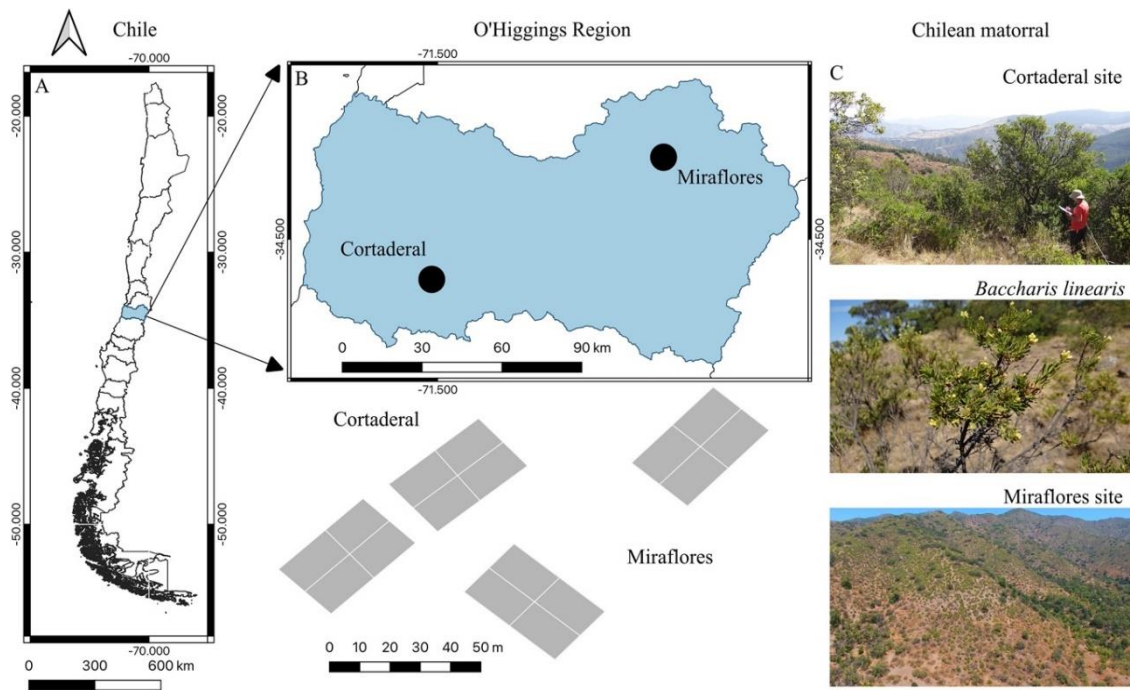
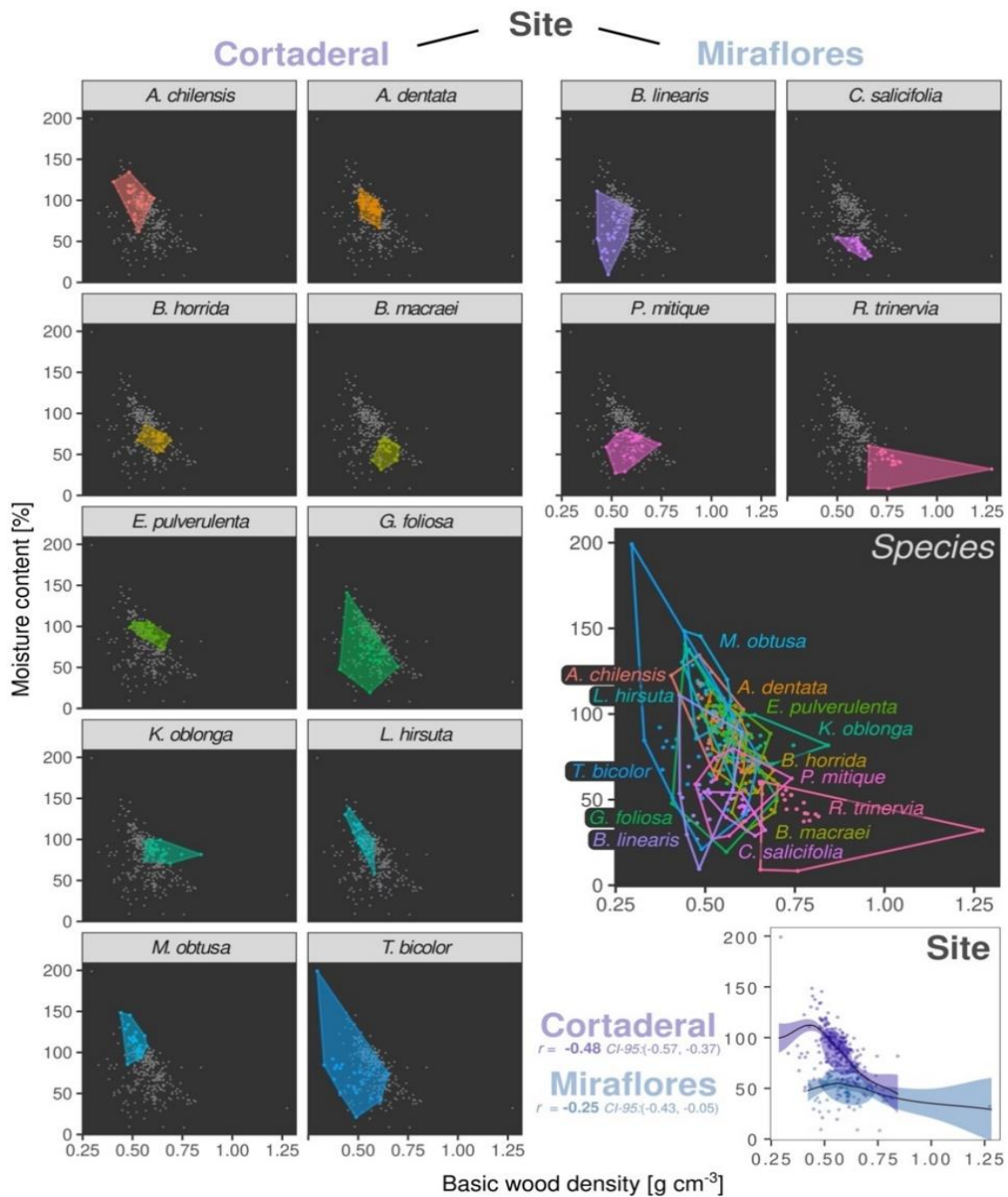


**Table S1.** Characterization of the Cortaderal and Miraflores sites in the central Chile.

	<b>Cortaderal</b>	<b>Miraflores</b>
<b>Topographical variables</b>		
Latitude	34° 35' S	34° 08' S
Longitude	71° 29' W	70° 37' W
Altitude (m a.s.l)	725	821
Slope (%)	17	59
Aspect	Southwest	South
<b>Climate variables</b>		
Mean temperature (°C)	12.0	16.3
Maximum temperature (°C)	26.2	30.8
Minimum temperature (°C)	1.7	5.0
Annual precipitation (mm)	725	688



**Figure S1.** Study area. A) Republic of Chile. B) Cortaderal and Miraflores sites in the O'Higgins Region, central Chile. C) Shrub vegetation at the sites.



**Figure S2.** Relationship between moisture content (%) and basic wood density ( $\text{g cm}^{-3}$ ) of the 14 shrub species. The areas correspond to minimal convex polygons, *e.g.*, the 2-dimensional feature space in which pairs of MC-BWD values were observed for each species.