

*Caducifolios arbóreos relícticos en zonas mediterráneas (Andalucía, España): tipos funcionales, fitocenología y conservación*

**Relict winter-deciduous trees in Mediterranean areas (Andalusia, Spain): functional types, vegetation and conservation**

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Location: *Biogeografía de Medios Litorales: Dinámicas y conservación* (2014), ISBN 978-84-617-1068-3, pages 381-385

Language: Spanish

Areas with relict ecosystems have a great biogeographical interest. We have studied a set of four temperate taxa (deciduous trees) in one of those areas (Sierra de Tejeda, Malaga-Granada, Spain). The aim is to study their functional types and phytosociology to check their relict status and get to understand how they manage to live in a Mediterranean environment. The results lead to consider them as components of syntaxa with optimal in north Iberian and other European areas, which show adaptations to temperate macrobioclimate. A populational study about the degree of threat in Andalusia is also performed, which points to the need for conservation because they are not listed or protected.

**Key words:** *Sorbus*; *Fraxinus*; *Populus*; relict forests; Andalusia.