

*Diversidad funcional de los sabinares en una isla oceánica: El Hierro, Islas Canarias*

## **Functional diversity of *Juniperus* woodlands on an Oceanic Island: El Hierro, Canary Isles**

---

Authors: Romo, A., Adam Boratyński, A., Salvà-Catarineu, M.

Location: *Biogeografía de Medios Litorales: Dinámicas y conservación* (2014), ISBN 978-84-617-1068-3, pages 197-201

Language: Spanish

The floristic richness and chorological type, the life forms, floristic status and some phenotypic syndromes of the taxa found in the fragments of juniper woodlands have been studied. Although forests dominated by Canarian juniper (*Juniperus turbinata* subsp. *canariensis*) cover less than one tenth of the natural vegetation of the island, almost a fifth of the total vascular flora of El Hierro is present in them. A third of the taxa found is endemic and two thirds is formed by annual plants. The importance of the syndrome of herbaceous plants with dry fruit, present in almost two thirds of the taxa found, is discussed. It is in these dry environments of very fragmented forests where there appear to have been rather fast processes in the evolutionary biology of some endemic plants.

**Key words:** dry woodland; grazing; hot-spot; juniper conservation; juniper management; severe drought.