

Inventariado, valoración y funcionalidad geoecológica de comunidades bióticas. Ensayo de aplicación en paisajes forestales de la Reserva de la Biosfera de Urdaibai (País Vasco)

Inventory, evaluation and geo-ecological functioning of biotic communities. Applied trials on forest landscapes in the Urbaibai Biosphere Reserve

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The current contribution gather several proposals of inventory, evaluation and geo-ecological diagnosis of biotic communities in an unique methodological block. The proposed methodology of inventory allows a reliable geo-botanical and biogeographical characterization and, therefore, an accurate diagnosis about the environmental qualification focused in their conservation. This methodology is carried out throught several basic, flexible and clear guidelines and, as result, it is easy to apply in the correct way to get an integrated management of natural landscapes. The model of geo-ecological functioning emphasizes the interactive relations between both roles (bio-indication and bio-action) that works between living beings and their environment and that knowledge is used to make integrated diagnosis for proposals of planning, management and conservation of natural dynamics of landscapes.

Consequently, a couple of trials in two different woodlands (Cantabrian Holm Oak Forest and Mixed Birch/Oak Forests) in Urdaibai Biosphere Reserve have been carried out to test the reliability of this methodology.

Key words: Inventory; Geo-ecology; Bioindication; Bioaction; Urdaibai.