

Workshop 3

Poster presentation

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Conservation stage of the critically endangered plant *Helianthemum polygonoides*

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The conservation stage of *Helianthemum polygonoides*, an endangered local endemism of Cordovilla salt marsh (SE Spain), was evaluated in detail. The distribution of the species, which is severely fragmented, was mapped using a GPS. In each sub-area detected, census of the population was made, distinguishing age classes. In addition, the development stage of adult plants was assessed by non-destructive measurements of biometric parameters. The conservation stage of the habitat was also analyzed by computing an index which considered the intensity and reversibility of each disturbance in the sub-area, as well as the surface affected. All information was finally integrated in a GIS. The total area occupied by *H. polygonoides* was 15.9 Ha. Six Ha corresponded to new locations unknown up to now. The habitat of the species is moderately or severely degraded in half of the distribution area, with grazing and agriculture being the main disturbances. Management actions are proposed.

POSTER PRESENTATION

Workshop: *In situ* conservation and management. The role of LIFE programme.

