

Workshop 3

Poster presentation

Email to Christian Berg [CBerg@t-online.de]

POSTER (relevant to workshop “Selection and designation of conservation area/Conservation of plant diversity):

Priority search for vascular plant conservation strategies in Mecklenburg-Vorpommern (North-East Germany)

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A plant conservation program shall be worked out to save the vascular plant species diversity in Mecklenburg-Vorpommern. Therefor the species of top priority and the regional occurrence of their habitats or plant communities have to be found out for conservation strategies. Two criteria were taken into an account. (1) Vulnerability: All species assessed in the “Red list of Vascular plants of Mecklenburg-Vorpommern” as “critical endangered”; or species assessed there as “endangered” and are considered as “threatened” in the “Red data book of Germany” as well. (2) Responsibility: “Global responsibility” (taxa with restricted geographical ranges), or national responsibility (species with a main area in Mecklenburg-Vorpommern within Germany).

These criteria apply to 380 species. The analysis of their habitats and the description of the areas shows the regional distribution in Mecklenburg-Vorpommern. This geographical information determine the need for action in the regions as well as the regional responsibility of the appropriate authorities for the execution of nature protection law. Highest need for action is required for species both critical endangered and with high responsibility (35 species).