

Workshop 2

Oral presentation

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Mapping of flora in a transboundary protected area: a case study from the Saxon-Bohemian Switzerland (Germany/Czech Republic)

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Intended for workshop: **Scientific research**

Abstract

The Saxon-Bohemian Switzerland is a German/Czech transboundary area protected partly as national park, partly as protected landscape. As a unique erosion sandstone landscape with an important biodiversity, especially of cryptogams, this region is a part of the Natura 2000 network (SPA and SAC) and subject of an intensive scientific research. Since 1992, a mapping project of vascular plants has been carried out on both sides. Within the research, an experience in the field of methodology and organizing bilateral mapping of flora has been gained. Some questions arising within the project are discussed, as e.g. mapping of critical taxa, different taxonomic views of some taxa on both sides of the region, species with different status (native, alien) on both sides, species with a significantly different evaluation of the endangerment degree according to the national red lists of both sides. As a result of the project, a transboundary flora, distribution atlas and regional red list are planned to be published (both in German and Czech).