

## Daily butterflies

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To the autochthonic fauna of the Czech Republic belong 160 butterfly species, therefrom are 17 locally extinct, 20 critically endangered and 43 in danger or vulnerable. Indicator importance of this group is huge especially thanks to well knowledge of historical and current distribution and an easy identification directly on the site. Indication however can't be interchanged with the correspondence of the occurrence with the phytocoenologically defined habitats, which shows also the analysis of the post requirements of our most endangered species. Because many butterflies use various source types, is the coincidence among their requirements and through vegetation defined habitats often very weak: rather than about floristic composition of the vegetation butterflies are dependent more about the spatial heterogeneity of the sites, the degree of the heterogeneity of the vegetation mosaic or the placement of vegetation obita in the landscape. Apart from these complications, we can find endangered butterflies in all type of habitat, with the exception of water habitats. A special case are forests – high forests in lowlands and hills in central Europe are a relatively new habitat, majority of the butterflies was adapted on much lighter types of spruce forest and have been currently retreating. Surprisingly a high number of endangered species live in post-industrial sites such as quarries and spoil banks, where were they driven from the intensively used agricultural landscape.