



We are saving the **hermit beetle** in **SCI Poodří**

The occurrence of the hermit beetle (*Osmoderma barnabita*) in SCI Poodří is endangered.

Why?

- ✗ the localities with hermit beetle occurrence are isolated
- ✗ typical habitats of hermit beetle – pollarded willows – are degraded
- ✗ invasion of mistletoe is endangering the second most common habitat of hermit beetle – linden trees

What we do

- ✓ **we plant more than 1 500 trees** (willows, poplars, oaks and pears) to connect the isolated localities with hermit beetle occurrence
- ✓ **we pollard about 600 willows** to restore typical habitat of hermit beetle in the area
- ✓ **we treat 150 linden trees attacked by mistletoe** to restore the second most common habitat of hermit beetle
- ✓ **we improve landscape values** by renewal of willow trees pollarding and varieties of pear trees cultivating
- ✓ **we improve reputation and popularity of the region for local citizens and tourists** by providing suitable management together with stakeholders
- ✓ **we involve important stakeholder groups:** national authorities, municipalities, landowners, farmers and fishermen, river management institutions, local associations and clubs, public



Pollard trees form hollows – microhabitats for hermit beetle and another the hollow associated fauna.

Periodically pollarded willows are not susceptible to damage due to weight of overgrown branches and are safer for landowners and tourists.

The pollarding provides fire wood.



The pear trees are not affected by the invasion of mistletoe. Long-living pear trees can create hollows – microhabitats for hermit beetle and another hollow-associated fauna. The renewal of traditional varieties of pear trees and use of fruits will help local community.



The hermit beetle is species of Community interest. Its conservation status is evaluated on European level as “unfavourable”. In the territory of Czech Republic, the overall conservation status of the species is assessed also as “unfavourable”.

Main information

PROJECT NAME: LIFE Osmoderma 2017 – Osmoderma eremita species protection in SCI Poodří

PROJECT LOCATION: Czech Republic, SCI Poodří

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PROJECT PARTNERS:

Arnika – Center for Citizen’s Support, CR
Czech Union for Nature Conservation,
local group Studenka, CR
University of Ostrava, Faculty of Science, CR
Fundacja Ekorozwoju, PL

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