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Meeting

7.6.2016
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Saxon-Bohemian Switzerland:

Four protected areas, two countries, one landscape



- Sächsische Schweiz
- České Švýcarsko

Handrij Härtel & Jürgen Phoenix

Saxon-Bohemian Switzerland: Discovery by Romantic painters



Adrian Zingg (1734-1816)

Saxon-Bohemian Switzerland



Caspar David Friedrich (1774 Greifswald - 1840 Dresden)

Saxon-Bohemian Switzerland

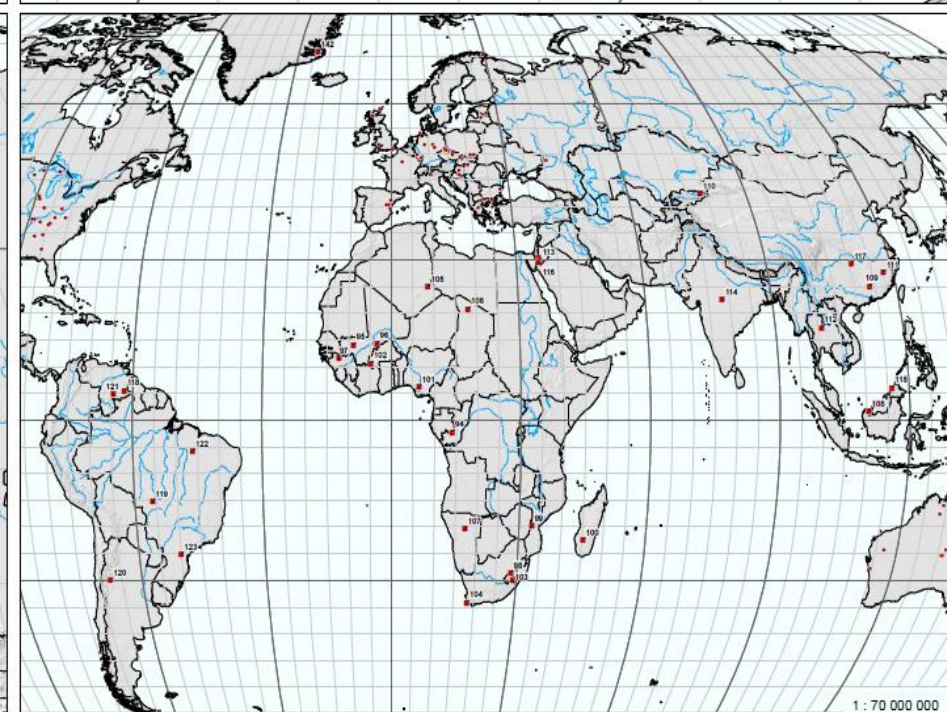
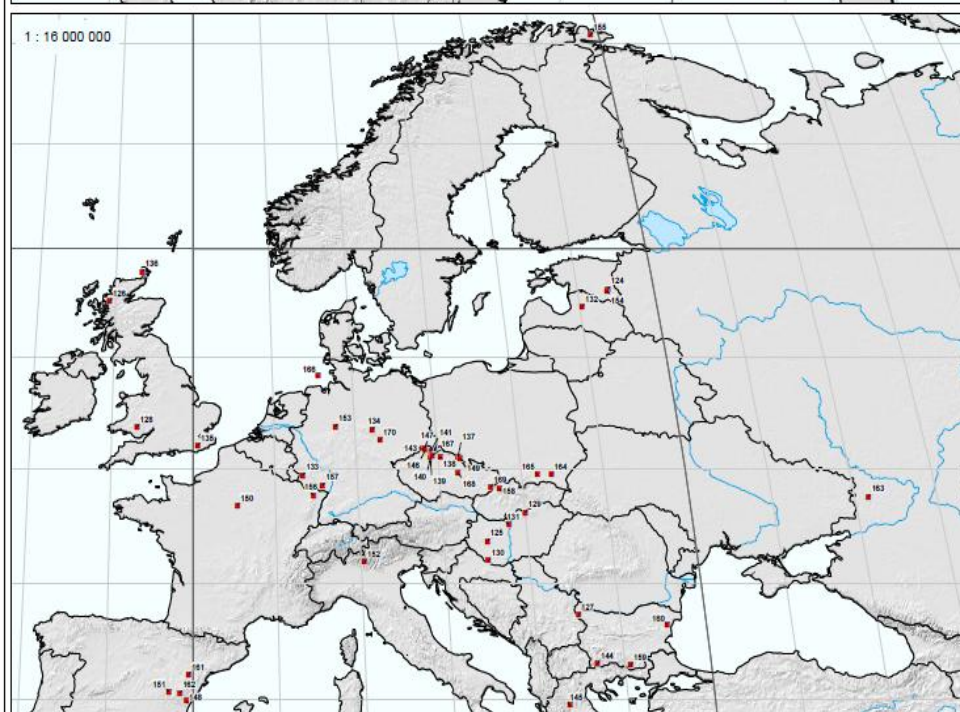
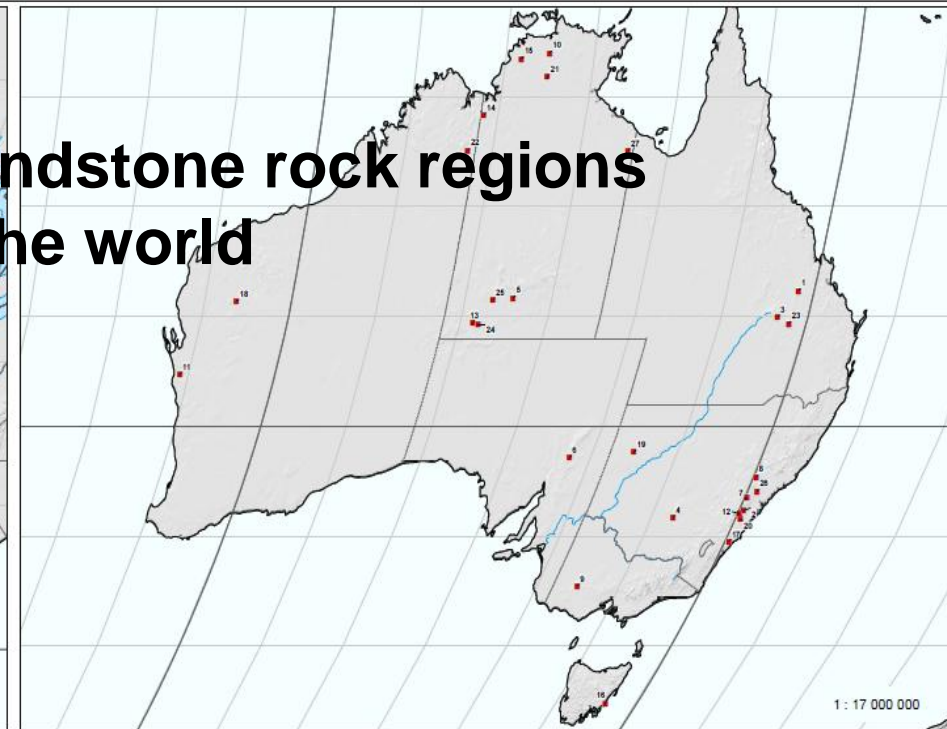
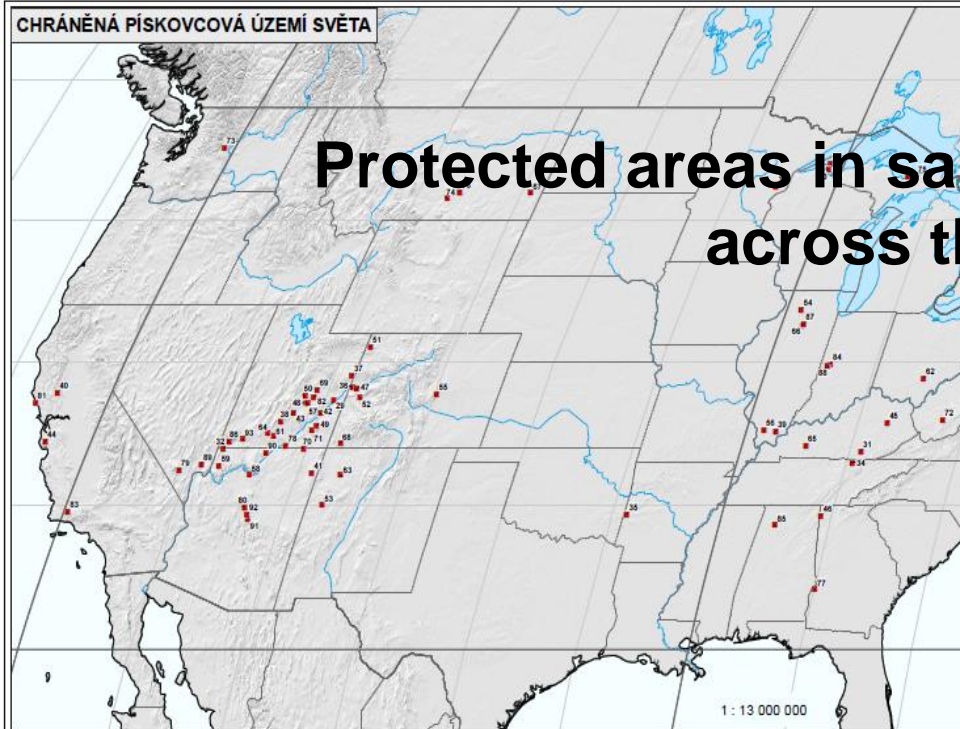


Caspar David Friedrich (1774 Greifswald - 1840 Dresden)

Saxon-Bohemian Switzerland: One of the oldest European tourist destinations



Protected areas in sandstone rock regions across the world



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Saxon-Bohemian Switzerland: Singularity in European context: 3 sandstone rock national parks only



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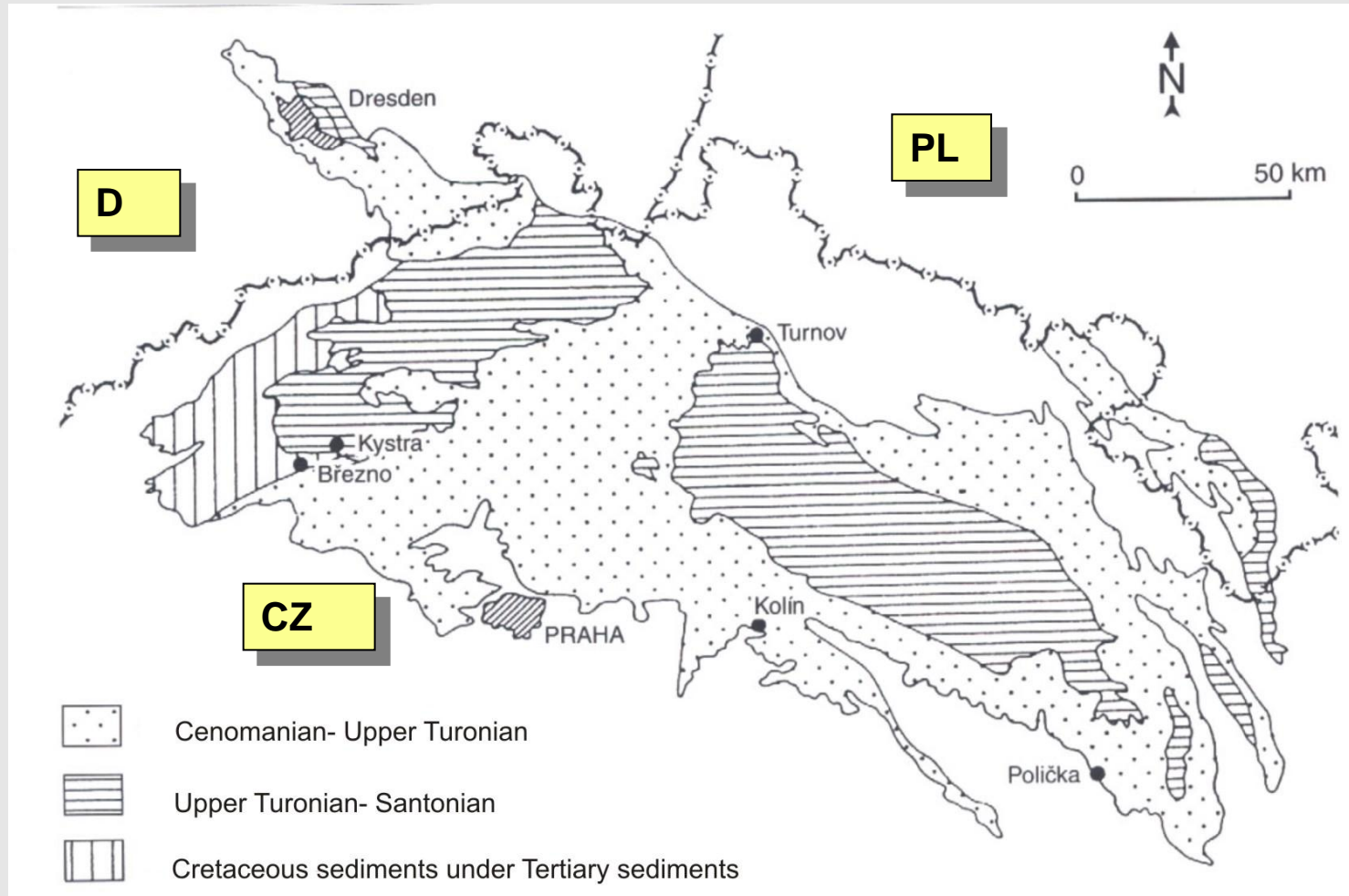
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● České Švýcarsko

Saxon-Bohemian Switzerland as part of larger geological unit Bohemian Cretaceous Basin



Marine fossils from
Cretaceous sandstones



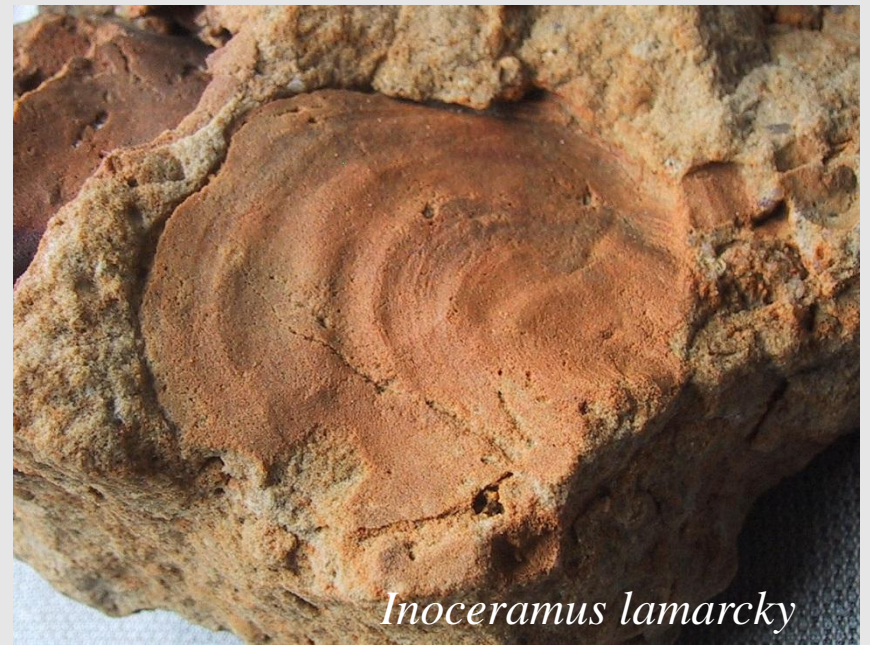
Inoceramus labiatus



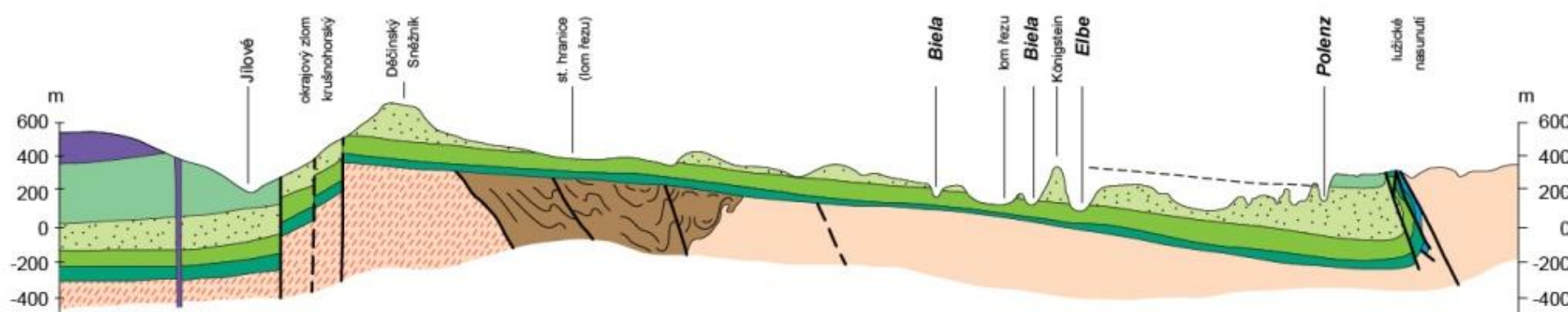
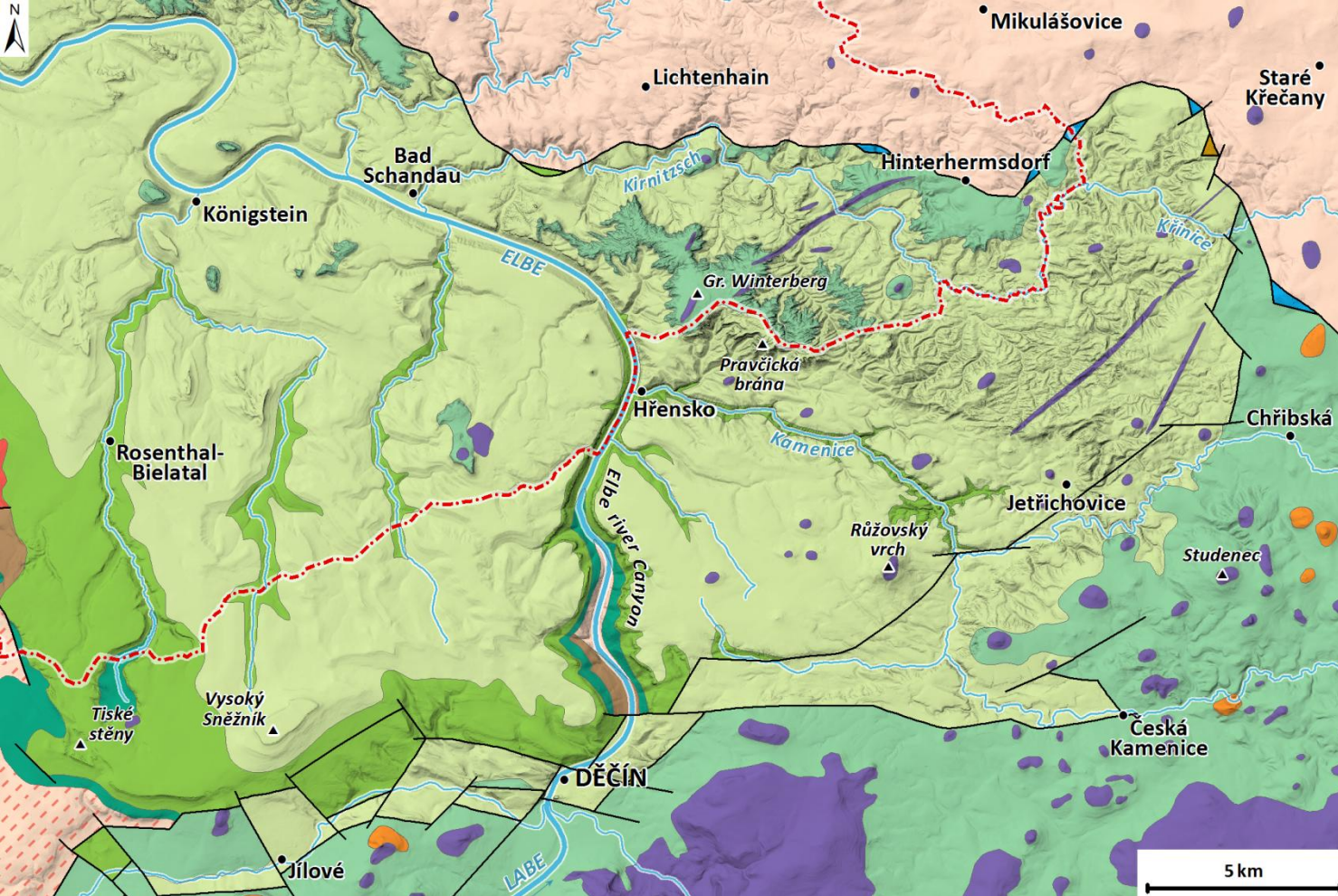
Natica bulbiformis



Pecten



Inoceramus lamarcky



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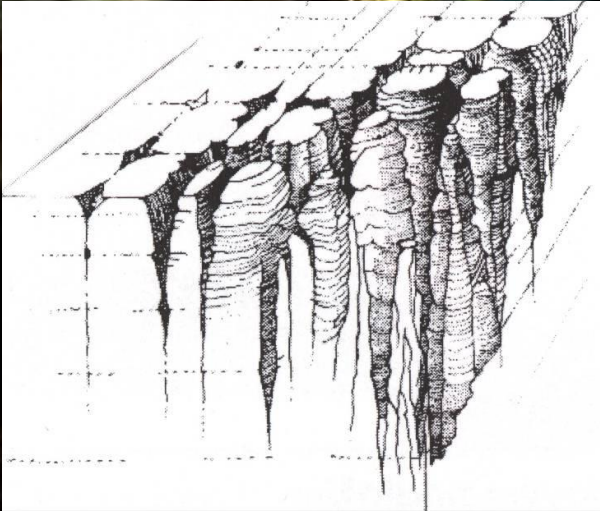
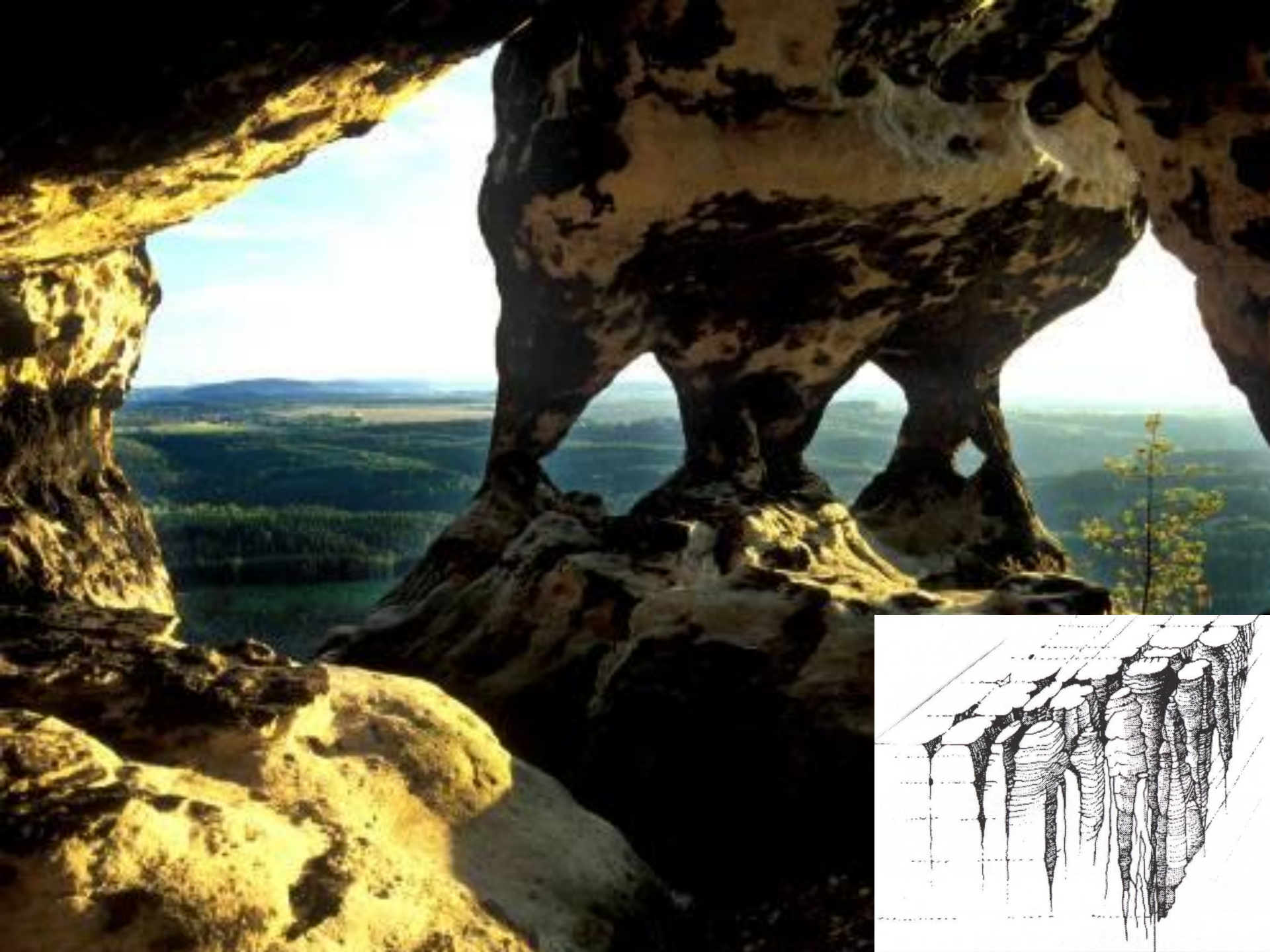
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Saxon-Bohemian Switzerland:

High diversity of morphologic forms at different spatial scales













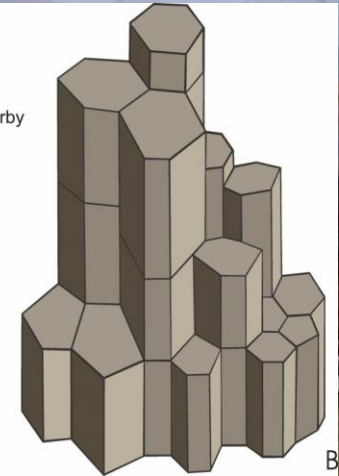








Saxon-Bohemian Switzerland: Tertiary volcanism



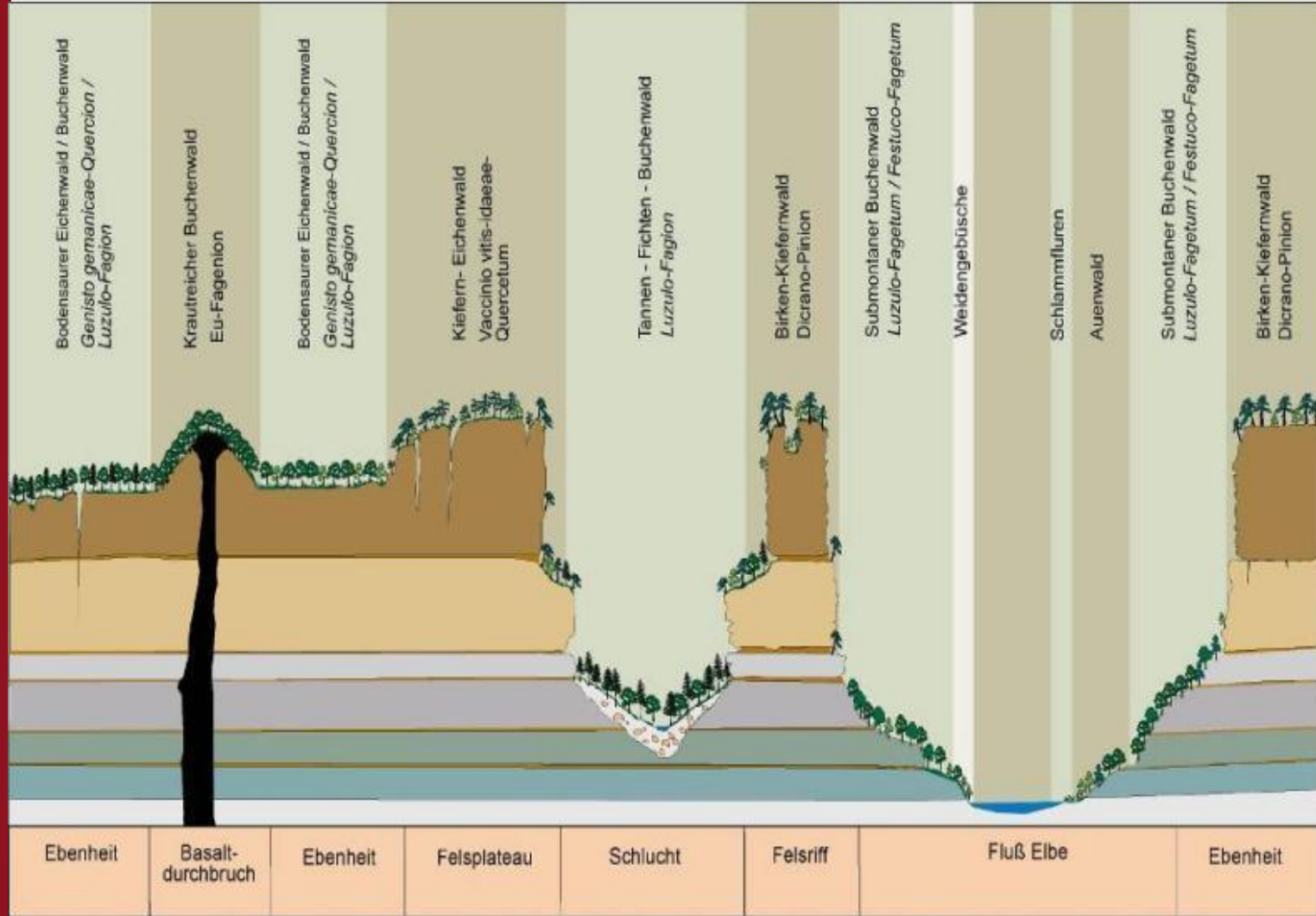
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Saxon-Bohemian Switzerland: geodiversity-biodiversity relations



© nach: Schmidt (1954), Härtel (1994), Grafik: Richter

● Sächsische Schweiz
● České Švýcarsko



Saxon-Bohemian Switzerland: role of microclimate



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Grasshopper *Troglophilus neglectus*

New for Central Europe (Chládek, Benda & Trýzna 2000)



Charissa glaucinaria

Extremely rare montane species,
within CZ in Bohemian Switzerland
only



L – *Phengaris
nausithous*

R – *Phengaris
telejus*



Monitoring of the butterflies from the gen. *Maculinea* (Natura 2000 species)

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Saxon-Bohemian Switzerland: Cultural heritage: middle stone age



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Saxon-Bohemian Switzerland:

Cultural heritage:

timber harvest: woodcoal burning

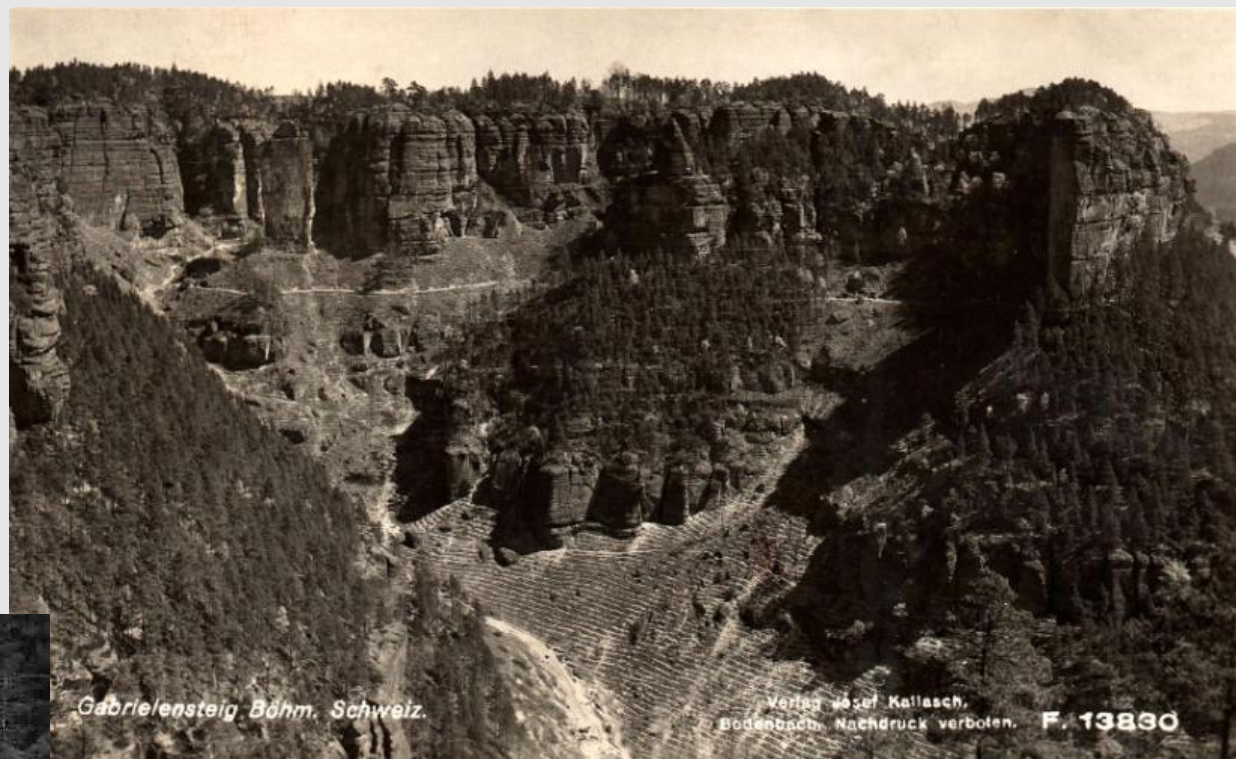


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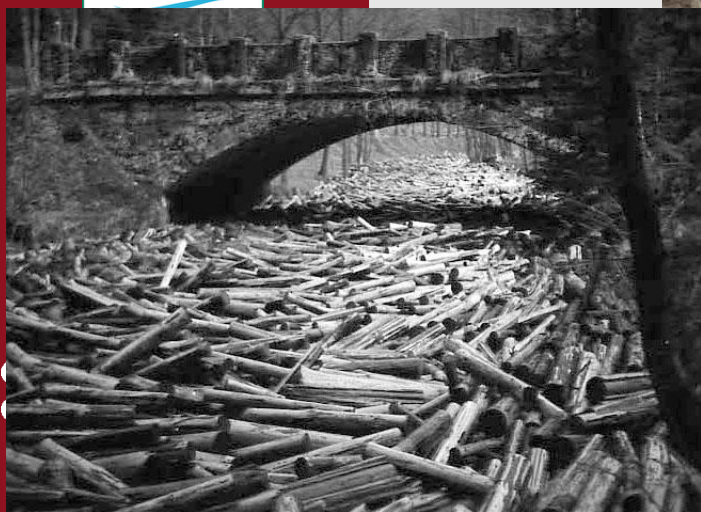


Saxon-Bohemian Switzerland: Cultural heritage:



Gabrielensteig Böhm. Schweiz.

*Vorleser Kallisch,
Bodenbach. Nachdruck verboten. F. 13830*



Re-forestation with spruce after calamity caused
by the Black Arches (*Lymantria monacha*)

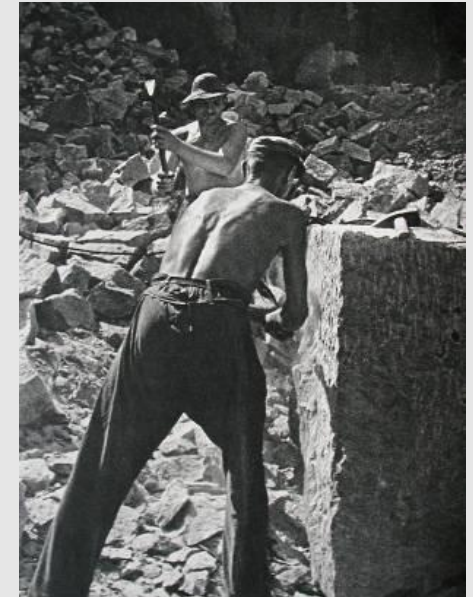
Timber floating in the Kirnitzsch River
Nasser Grund (about 1940)

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Saxon-Bohemian Switzerland: Cultural heritage: quarries



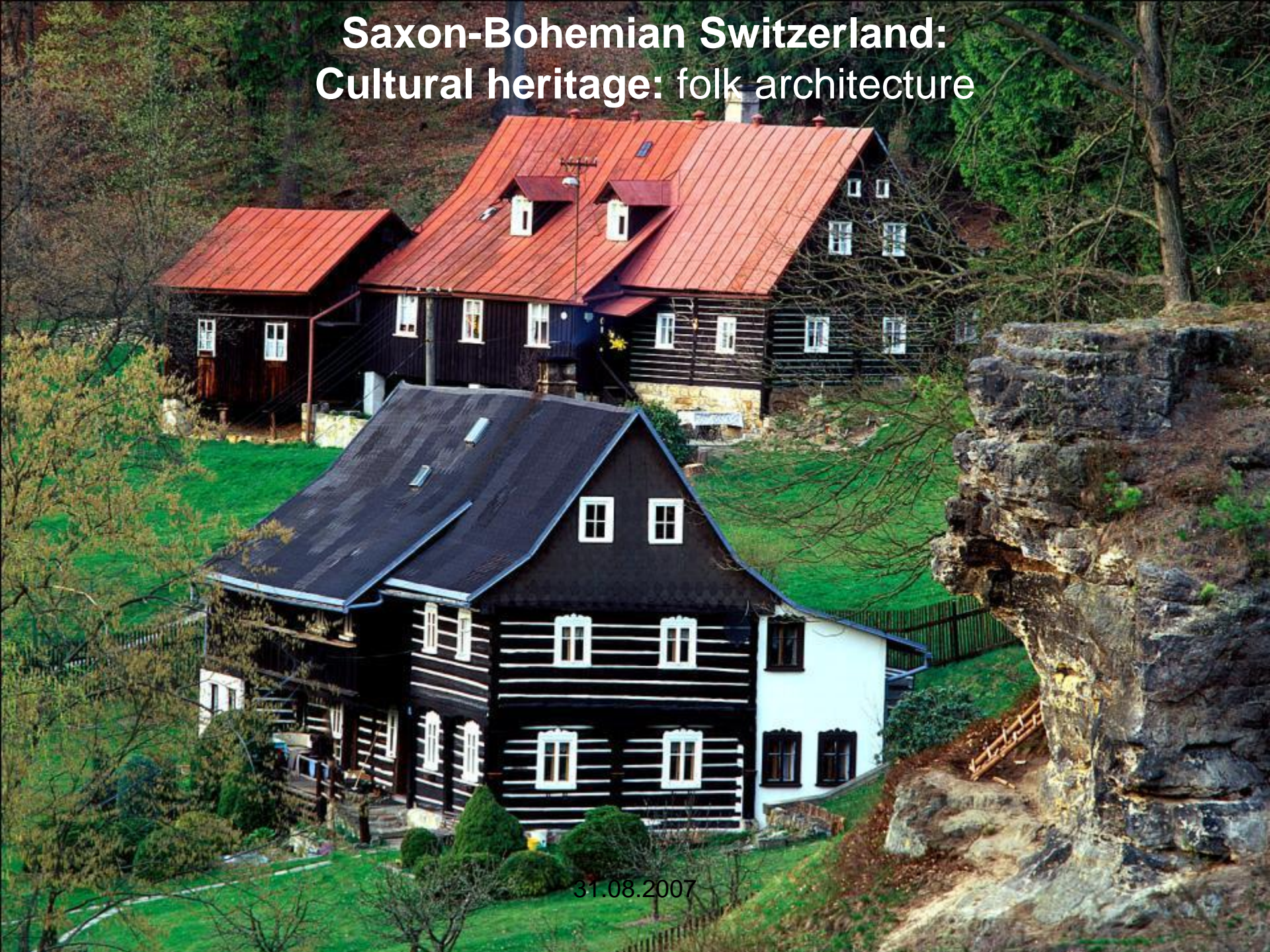
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Saxon-Bohemian Switzerland: Cultural heritage: Königstein fortress



Saxon-Bohemian Switzerland: Cultural heritage: folk architecture



31.08.2007

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Saxon-Bohemian Switzerland: Cultural heritage: different history after 1945



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Saxon-Bohemian Switzerland: Long history of transboundary conservation

1956 -

Sächsische
Schweiz
Protected
Landscape
Area

36.800 ha

1972 – Labské

pískovce

Protected
Landscape
Area

32.400 ha

1990 –

Sächsische
Schweiz

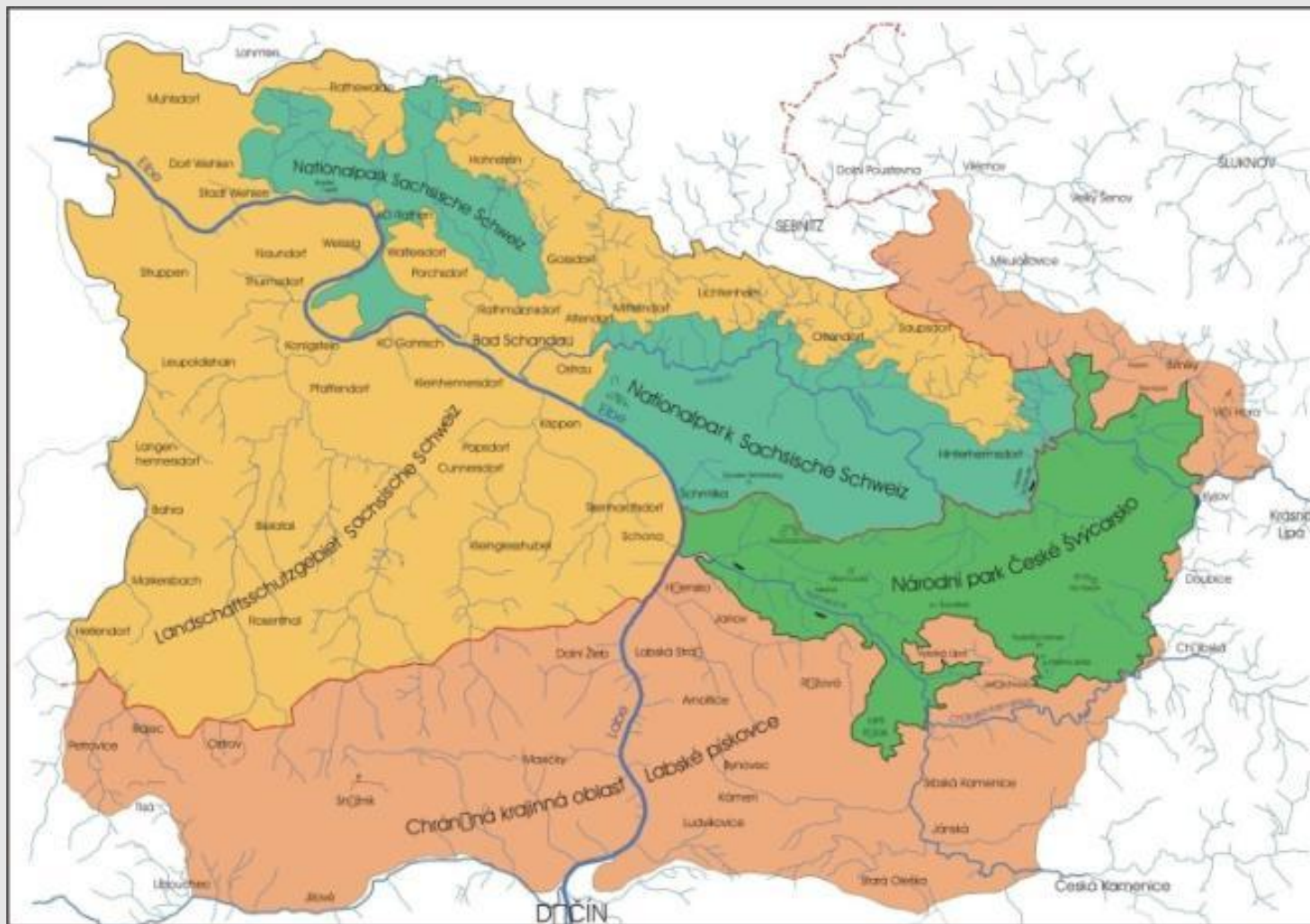
National Park:

9.350 ha

2000 – České
Švýcarsko

National Park:

8.000 ha



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Saxon-Bohemian Switzerland: 3 essential basis of our co-operation

- Shared natural and cultural heritage
- Formal basis
- Personal basis



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Saxon-Bohemian Switzerland: Formal basis of our co-operation

Legal basis:

28.08.1991: **Agreement between the MoE of the Czech Republic and the MoE of Saxony** about the cooperation in nature conservation between the **Saxon Switzerland National Park** Administration and Elbe Sandstone PLA (**Bohemian Switzerland National Park** in prep.)



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Saxon-Bohemian Switzerland: Formal basis of our co-operation

Long-term basis: 2012 Joint Vision - strategic goals:

IUCN category II and V
management of nature, biotopes, species
research/documentation
recreation
information and education
regional development
how to work together internally

Mid-term basis:

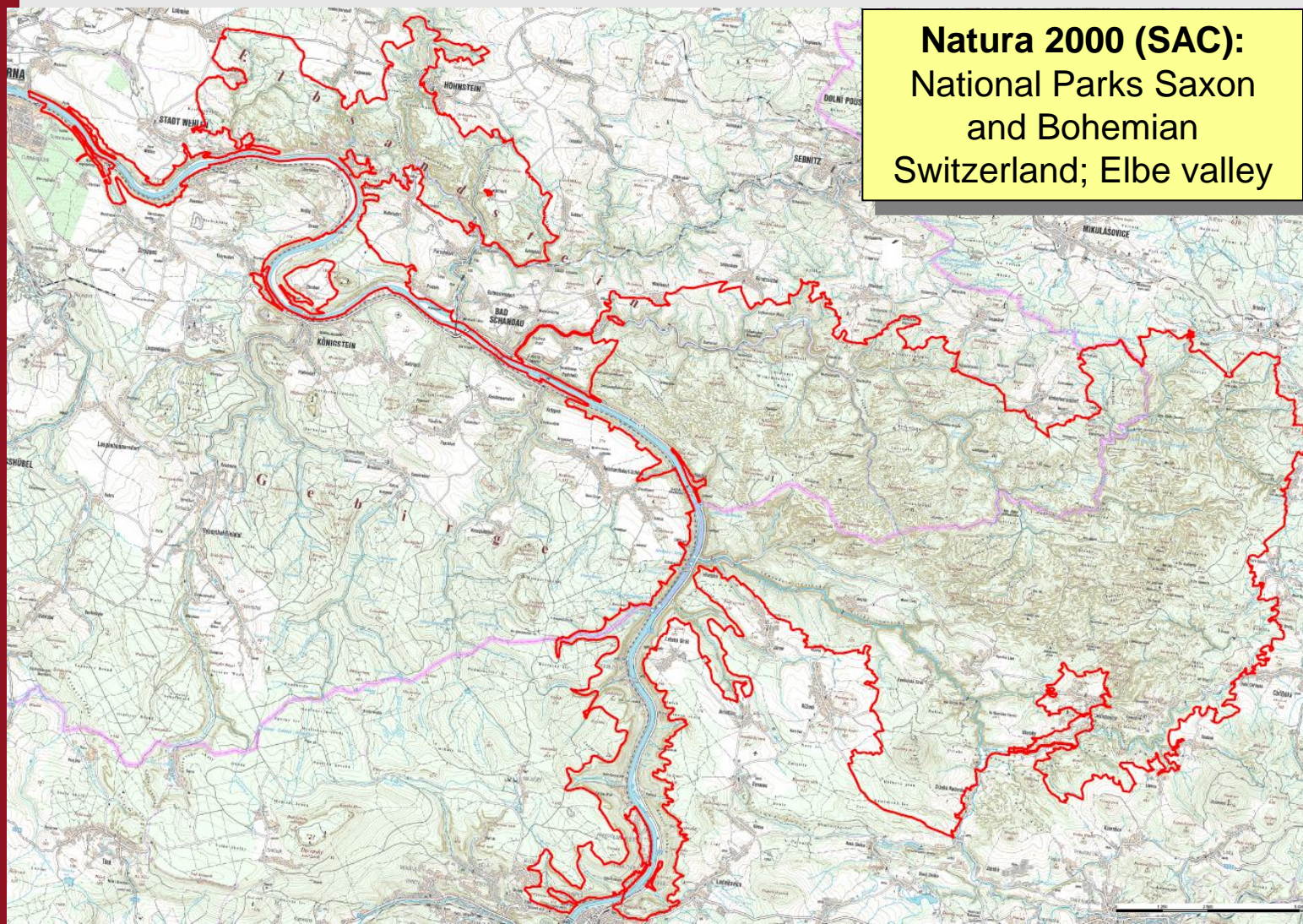
2004: Goals and projects of the transboundary cooperation in nature conservation in the Saxon-Bohemian Switzerland:

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Saxon-Bohemian Switzerland: European framework: Natura 2000

Natura 2000 (SAC):
National Parks Saxon
and Bohemian
Switzerland; Elbe valley



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Saxon-Bohemian Switzerland: Formal basis of our co-operation

Short-term basis: Annual working plans for 4 WG:



nature conservation/monitoring
forest management
environmental education
visitor management

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Saxon-Bohemian Switzerland: Joint projects – shared challenges Visitor management



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Saxon-Bohemian Switzerland: Joint projects – shared challenges Forest management (National Parks)



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Saxon-Bohemian Switzerland:

Joint projects – shared
challenges

**Forest management:
invasive species:**

White pine (*Pinus strobus*)



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Saxon-Bohemian Switzerland: Joint projects – shared challenges Forest management:

Promotion of Silver Fir (*Abies alba*)



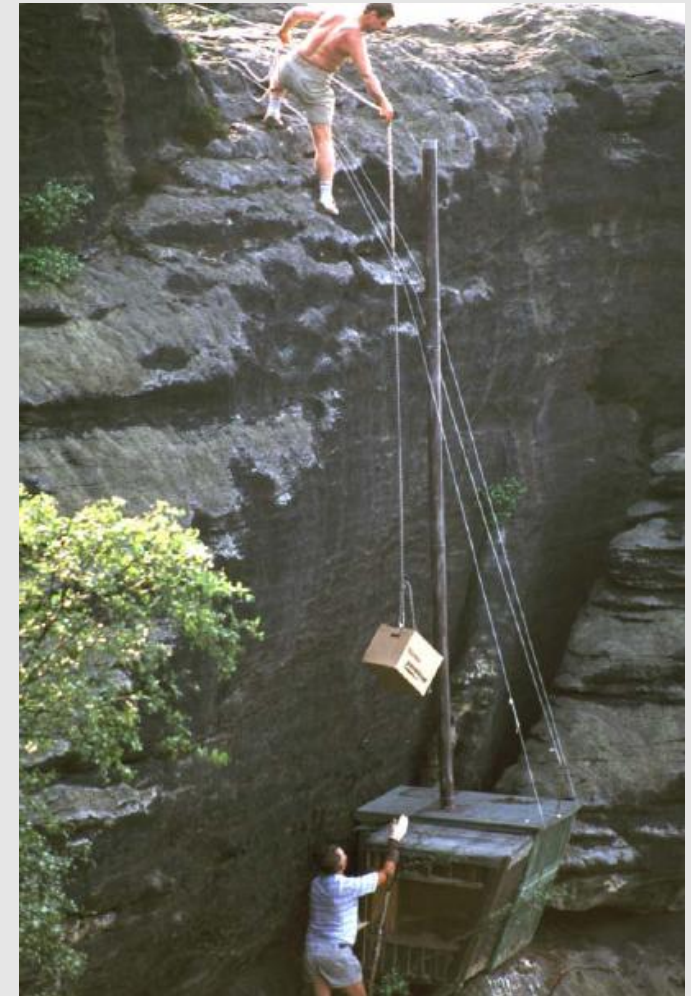
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Saxon-Bohemian Switzerland: Joint projects – shared challenges Reintroduction project:

Peregrine falcon
started in 1990, within
seven years 77 young
falcons were released in
Saxon Switzerland



Saxon-Bohemian Switzerland:

Joint projects – shared challenges

Reintroduction project:

Elbe-Salmon

1994 the Sächsische Landesanstalt für Landwirtschaft started with the implementation of the Elbe-Salmon 2000 Program (Elblachs 2000)

In 1994 the first salmon spawn (from Sweden) was incubated and in spring 1995 the first salmon fry was released into the Lachsbach in the Saxon Switzerland

On 26 October 1998 the first salmon was caught in the Saxon-Bohemian Switzerland



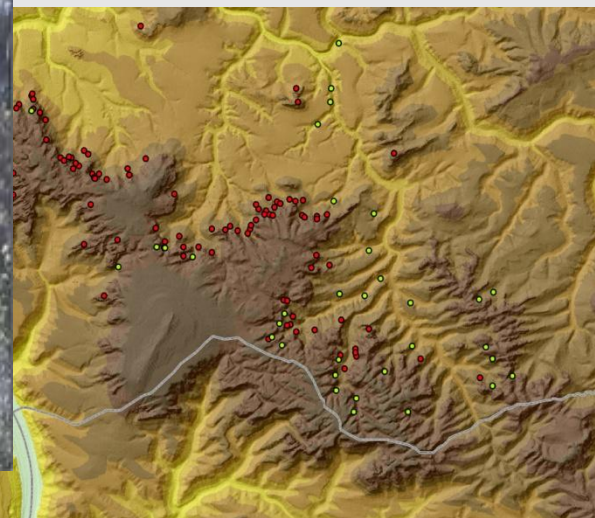
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Saxon-Bohemian Switzerland:

Joint projects – shared challenges

Transboundary research and monitoring: Digital elevation model (TU Dresden)



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Saxon-Bohemian Switzerland:

Joint projects – shared challenges

Environmental education & Public relations:

Transboundary excursions for general public



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Saxon-Bohemian Switzerland: Joint projects – shared challenges

Visitor centres:

Saxon Switzerland National Park Centre Bad Schandau



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Saxon-Bohemian Switzerland: Joint projects – shared challenges

Visitor centres: Bohemian Switzerland Centre Krásná Lípa



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Saxon-Bohemian Switzerland: European framework: Europarc Federation: TransParcNet



The TransParcNet - Unifying ecosystems and people



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- České Švýcarsko