

PROGRAMME

(* means: speaker presenting the talk)

Saturday, 14 September

14,00 – 20,00	Registration
19,00	Dinner

Sunday, 15 September

7,30 – 8,30	Breakfast
8,30 – 18,00	Pre-conference excursion to the Saxonian Switzerland National Park: Lead by <i>Peter A. Schmidt & Holm Riebe</i>
19,00	Dinner

Monday, 16 September

8,00 – 9,00	Breakfast
8,00 – 9,00	Late registration
9,00 – 9,15	Opening

Morning session I: Geodiversity: Chair: Radek Mikuláš

9,20 – 9,50	<i>Jiří Adamovič</i> : Origin of sandstone bodies in the Bohemian Cretaceous basin
9,50 – 10,10	<i>Václav Čílek</i> : The relief formation of sandstone castellated areas of the Czech Republic
10,10 – 10,30	<i>Jiří Zvelebil*</i> , <i>Martin Paluš</i> , <i>Dana Novotná</i> : Nonlinear science - a new tool for study of risky geodynamical processes: an example of rockfalls from sandstone rock walls
10,30 – 11,00	Coffee break

Morning session II: Geodiversity: Chair: Elmar Csaplovics

11,00 – 11,30	<i>Piotr Migoń</i> : The role of large-scale slope failures in sandstone landscape evolution
11,30 – 11,50	<i>Radek Mikuláš</i> : Relief and its memory: minute forms in sandstone surfaces
11,50 – 12,10	<i>Cezary Kabala</i> : The sequence of polygenetic soils developed of sandstone and marl in the Stolowe Mountains, Poland
12,10 – 12,30	<i>Radek Mikuláš</i> : Sandstone modellation across climatic zones and lithofacies: the concept of porocarst
12,30 – 14,00	Lunch

Afternoon session I: Sandstone Landscapes: Chair: Václav Čílek

14,00 – 14,30	<i>Elmar Csaplovics</i> : Digital terrain models of sandstone rock landscapes in the National Park “Sächsische Schweiz” for supporting conservation and ecological monitoring
14,30 – 14,50	<i>Martin Neruda</i> : Quantitative hydrological model of the Ploučnice catchment using neural networks
14,50 – 15,30	<i>Frank Richter</i> : Elbsandsteingebirge - Künstler entdecken die Landschaft (The Elbe Sandstones - painters discover landscape; with English translation).
15,30 – 17,00	Coffee break & poster session

Afternoon session II: Sandstone landscapes: Chair: Piotr Migoń

17,00 – 17,30	<i>Yves Krippel</i> : The “Petite Suisse” sandstone area in Luxembourg, a region of outstanding biodiversity
17,30 – 18,00	<i>Dirk Wessels*</i> , <i>Rolf Wessels</i> & <i>Leslie Wessels</i> : An overview of cardinal aspects of South Africa’s sandstone regions
18,00 – 18,20	<i>Zbigniew Golab</i> : Nature of the Stolowe Mountains
18,20 – 18,40	<i>Richard G. Bromley</i> & <i>Radek Mikuláš*</i> : Sandstone Phenomenon of the East Greenland
19,00 –	Welcome dinner

Tuesday, 17 September

8,00 – 9,00	Breakfast
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Morning session I: Biodiversity - Flora and vegetation: Chair: Johannes C. Vogel

9,00 – 9,30	<i>Krzysztof Świerkosz</i> : Geobotanical analysis of the Stołowe Mts. (Poland, the Sudetes Mts.)
9,30 – 9,50	<i>Handrij Härtel</i> : Flora and vegetation of the Elbe Sandstones: a comparison with other sandstone regions of the Bohemian Cretaceous basin
9,50 – 10,10	<i>Frank Müller</i> : Distribution patterns and conservation status of endangered bryophytes in Saxonian Switzerland
10,10 – 10,30	<i>Marek Krukowski</i> : (the title will be specified)
10,30 – 11,00	Coffee break

Morning session II: Biodiversity - Flora and vegetation: Chair: Jan Čerovský

11,00 – 11,30	<i>Frederick J. Rumsey</i> , <i>Johannes C. Vogel*</i> , <i>Stephen J. Russell</i> , <i>John A. Barrett</i> & <i>Mary Gibby</i> : Climate, colonisation and celibacy: Phylogeography and population structure in <i>Trichomanes speciosum</i> (Pteridophyta)
11,30 – 12,00	<i>Tomáš Herben</i> : Denudation/accumulation dynamics and vegetation patterns in sandstone regions
12,00 – 12,30	<i>Věra Hadincová*</i> , <i>Jana Simonová</i> , <i>Iva Köhnleinová</i> : Invasive behaviour of <i>Pinus strobus</i> in sandstone areas in the Czech Republic
12,30 – 14,00	Lunch

Afternoon session I: Biodiversity - Fauna: Chair: Ivan Horáček

14,00 – 14,30	<i>Rüdiger Krause</i> : On some beetle species of Carpatian - Sudetic distribution in Saxony (with special reference to Saxon Switzerland)
14,30 – 14,50	<i>Václav Pižl</i> : Earthworms (<i>Lumbricidae</i>) distribution in Bohemian Switzerland - present state of knowledge
14,50 – 15,10	<i>Karel Tajovský</i> : Terrestrial arthropods (<i>Oniscidea</i> , <i>Diplopoda</i> , <i>Chilopoda</i>) of the sandstone and adjacent habitats in Bohemian Switzerland National Park
15,10 – 15,30	<i>Vlastimil Růžička</i> : Spiders on sandstone rocks in České Švýcarsko National Park
15,30 – 17,30	Coffee break & poster session
17,00 – 18,00	Workshop: Sandstone landscapes: a challenge for interdisciplinarity ? (organized by <i>Tomáš Herben</i> & <i>Václav Cílek</i>)
18,30	Concert: <i>Štěpán Rak</i> , guitar (in the church near the hotel)
19,45	Dinner

Wednesday, 18 September

8,00 – 9,00	Breakfast
9,00 – 17,00	Mid-conference excursion to the Bohemian Switzerland National Park: Lead by <i>Václav Cílek, Handrij Härtel</i> et al.
19,00 –	Conference dinner

Thursday, 19 September

Morning session I: Paleoecology: Chair: Tomáš Herben

9,00 – 9,30	<i>Vojen Ložek</i> : Environmental history of sandstone areas in the light of changes in molluscan fauna
9,30 – 10,00	<i>Ivan Horáček</i> : Postglacial development of the mammalian fauna in the N-Bohemian sandstone regions
10,00 – 10,30	<i>Petr Kuneš*</i> & <i>Vlasta Jankovská</i> : Late Glacial and Holocene vegetation in a landscape with strong geomorphological gradients
10,30 – 11,00	Coffee break

Morning session II: Nature conservation: Chair: Vlastimil Růžička

11,00 – 11,30	<i>Jan Čerovský</i> : Sandstone Switzerlands - a short review of the historical development of sandstone area protection in Europe.
11,30 – 12,00	<i>Jürgen Phoenix & Petr Bauer</i> : Lebensband Elbe - grenzenlose Vielfalt (The lifeline Elbe - diversity without frontiers; with English translation)
12,00 – 12,30	<i>D.A. Robinson and R.B.G. Williams*</i> : Erosion of Wealden sandstone outcrops by visitors
12,30 – 14,00	Lunch
14,00 – 14,45	Conclusion & conference closing

Departure / Post-conference tour begins

List of posters (the posters are listed in alphabetical order according to the surname of the first author)

- Volker Beer*: The microclimatic conditions in a part of Saxon Switzerland and its influence of vegetation. An example in the region of "Grosser Zschand"
- Stephen Howard*: Sandstone landscapes in Ghana
- Ivana Hladíková & Tomáš Herben*: Matter transport and its influence on the sandstone vegetation
- Stefan Jeßen*: Neue Farne der Böhmisch-Sächsischen Schweiz
- Jana Kailová et al.*: Sandstone landscapes in the Broumovsko Protected Landscape Area, Czech Republic
- Miloš Knižek & Miloš Trýzna*: Bark beetles on white pine in Bohemian Switzerland National Park
- Lenka Kopřivová*: The effect of burial by sand on vegetation of sandstone regions
- Janusz Korybo*: Weisstannen im Nationalpark von Góry Stołowe
- Yves Krippel*: The Pteridophytes of the 'Petite Suisse' area in Luxembourg. Diversity, surveys and conservation
- Agnieszka Latocha & Grzegorz Synowiec*: Comparison of the sandstone landscapes of the Stolowe and Bystrzyckie Mountains, Sudetes, SW Poland
- Ariana Kulhánková, Ondřej Koukol & Jan Mourek*: Decomposition of litter in *Pinus sylvestris* and *Pinus strobus* forests in the Bohemian Switzerland National Park
- Petr Kuna*: Falcon (*Falco peregrinus*) in sandstones of the Broumovsko Protected Landscape Area, Czech Republic
- Agnieszka Latocha & Grzegorz Synowiec*: Comparison of the sandstone landscapes of the Stolowe and Bystrzyckie Mountains, Sudetes, SW Poland
- Piotr Migoń, Sławek Tulaczyk & Grzegorz Rozpendowski*: Sandstone landscapes in the NW part of the Intrasedimentary Depression, Sudetes Mountains

Zdeněk Palice, Štěpánka Bayerová, Ondřej Peksa, David Svoboda & Lenka Voříšková: The lichen flora of the National Park České Švýcarsko

Zdeněk Patzelt: Ground water hydrochemical composition dependence on hydrogeological position in Bohemian Switzerland National Park.

Richard Přikryl, Jiřina Svobodová & Petr Siegl: Dimension stones from the “sandstone” areas in the Czech Republic

Holm Riebe: Wiedereinsiedlung von Wanderfalke und Luchs in der Sächsischen Schweiz (Reintroduction of *Falco peregrinus* and *Salmo salar* in the Saxonian Switzerland; in German)

Petr Sklenář: Temperature inversion in the sandstone valley of the Křinice river (Bohemian Switzerland National Park, CZ): results of winter ecological measurements.

Lenka Šoltysová: The rock cities of Český Ráj

František Soukup, Vítězslava Pešková, Lenka Voříšková: *Meloderma desmazieressii* is destroying the white pine (*Pinus strobus*) stands in the České Švýcarsko National Park

Jana Soukupová & David Hradil: Salt weathering of Cretaceous sandstones in acidified areas: predictions and reality

Krzysztof Świerkosz: The Ishalo – the gem of Madagascar

Tomáš Tichý & Marcela Mácová: Dendroclimatic comparison of invasive *Pinus strobus* and native *Pinus sylvestris* growing in the Czech Republic on ecological and geographical gradient

Iveta Timze: Sandstone protection in the Gauja National Park

Dana Turoňová: The Killarney Fern (*Trichomanes speciosum*) in sandstone regions of the Czech Republic

Zuzana Vařilová: Ferruginization in sandstones of the Bohemian Switzerland National Park, Czech Republic

Zuzana Vařilová: Geomorphology of the Bohemian Switzerland National Park, Czech Republic

Lenka Voříšková: Bryophyte diversity of České Švýcarsko (Bohemian Switzerland) National Park

R. B. G. Williams & D. A. Robinson: The geomorphology of sandstone cliffs in Southeast England

Jiří Zvelebil: Nature friendly management of rock fall danger: 22 years of safety monitoring on sandstone rock slopes in Labe canyon