

2nd Circular



Symposium FRAGMENTATION OF HABITATS AND LYNX POPULATIONS IN EUROPE Germany/France Jan. 27th-29th, 2006

The transboundary biosphere reserve "Vosges du Nord - Pfälzerwald" will organize in cooperation with French and German NGO's a symposium on fragmentation of habitats and lynx populations in Europe. The meeting will take place in the central information centre of the biosphere reserve near Fischbach close to the French/ German border.



Habitat fragmentation as problem for lynx populations comes more and more to the fore. There are now several lynx populations re-established in central Europe. They live in relatively large forested areas which are separated by intensively used landscape, by dense settlements and traffic infrastructure. There are good arguments which show that there is a need to connect these small populations. But the measures necessary to construct ecological corridors in between these populations are expensive. There are several researchers as well as engineers working on this problem.

The aim of this symposium will be to discuss the needs of de-fragmentation of the habitat of lynx populations and the concepts to construct ecological corridors. We will also work on the concrete technical level. For this reason we will start having biologists as well as consultants and engineers invited. Questions about how much habitat connectivity is needed will be discussed as well as what kind of measures should be contracted where and how:

- construction of lynx proof fences alongside roads
- size of overpasses for lynx
- needs of forested step stones in agricultural landscape

The situation of the lynx population in the biosphere reserve Vosges du Nord - Pfälzerwald and measures to assure its survival will be presented.

We suggest to discuss the following topics:

- 1) Distribution and size of central European lynx populations, success of reintroductions
- 2) Reproductive success, dispersal behaviour and habitat selection of lynx
- 3) Mortality of lynx with special respect to road mortality
- 4) Need of ecological corridors for lynx populations
- 5) Examples of transboundary cooperation improving the connectivity of lynx populations
- 6) Utilization of passages by lynx and other fauna
- 7) Examples for measures taken in respect of lynx
- 8) Models as a tool for predictions and testing

During the conference ideas could be exchanged by:

- poster presentations or oral presentations (20-30 min) of completed studies.
- short oral presentations or posters on ongoing projects or ideas.
- discussion forums on topical questions (with short introduction)
- literature forum for the exchange of publications, theses and not published literature

Preliminary Program

Friday Jan 27th

7:30 - 10:00 registration /optional:

Morning excursion to the core area of the biosphere reserve

10:00 Genot, Jean-Claude., Stein, Roland & Dexheimer, Werner: The transboundary biosphere reserve and the lynx - opening remarks

10:15 - 12:30 oral presentations

Marboutin, Eric; Leger Francois; Wecker, Francois: Monitoring and fragmentation of the French lynx population and the theoretical impact of dispersal rates

Huckschlag, Ditmar: The Eurasian lynx in the Palatinate Forest - monitoring system, distribution and status.

Klar, Nina & Herrmann, Mathias: Applying the Kramer-Schadt-Model on lynx to the region Pfälzerwald / Vosges du Nord

Wölfl, Manfred: "Defragmentation of the human mind - the key for lynx survival?" (30 min)

12:30 lunch

13:30 - 15:15 oral presentations

Kusak, Josip & Huber, Djuro: Monitoring the utilization of wildlife crossing structures in Croatia.

Dronneau, Christian: Establishing corridors in Alsace

Simon, Ludwig: A wildlife corridor concept for Rhineland - Palatinate (requestet)

GEPMA / Alsace Nature: Measures in conservation of the lynx (requested)

Henner, Rolf & Zerbe, Alfred: lynx and hunting in the Palatinate forest (requested)

15:45 - 17:15 oral presentations

Setra: Measures to reduce the barrier effect of roads in Vosges du Nord (requested)

LSV: Future traffic system in the Pfälzerwald (requested)

Müller-Stieß, Heiko: Transboundary actions in public relations on lynx in the biosphere reserve Pfälzerwald/ Vosges du nord

17:30 - 18:30 discussion forum

Measures for habitat connections of core areas and the chances of reconstructing the connectivity under actual law

18:30 dinner

19:30 video of Harz mountains and lynx (Der Harz - Dunkle Wälder lichte Höhen)

Saturday Jan 28th

9:00 - 10:30 oral presentations

Zimmermann, Fridolin; Breitenmoser, Urs & n.n. : Field work on lynx dispersal in the alps

Skrbinzek, Tomaz; Potocnik, Hubert & Kos, Ivan: Preliminary analysis of suitable space for lynx (*Lynx lynx*) in Slovenia the

Dinaric/Alpine connection

11:00 - 12:30 oral presentations

Kramer-Schadt, Stephanie & Klar, Nina: Effects of roads on a founder population of lynx - a model as a planning tool

Schmidt, Krzysztof: Conservation of the Eurasian lynx in fragmented habitat - an East European perspective

12:30 - 13:30 lunch

13:30 - 14:45 poster session

Anders, Ole; Tanja; Mestemacher, Uwe; Huckschlag, Ditmar & Rühle, Ferdinand; n. n.

Uwe Mestemacher, Ditmar Huckschlag und Ferdinand Rühle: Applicability of Scent Stations and Snow Tracking for the Intensification of Lynx Monitoring in the Palatinate Forest

15:00 - 16:45 oral presentations

Kiener, Hans: Satellite telemetry and infrared cameras in action to investigate the prey-predator relationship in a large unmanaged forest ecosystem

Hucht-Ciorga, Ingrid: Monitoring lynx in Northrhine - Westphalia in cooperation with Rheinland-Palatinate and Belgium

Anders, Ole: Dispersal of lynx in lower Saxony in respect to heavily used traffic lines

17:15 - 18:30 forum of discussion

Corridors for lynx: Continuous habitats, stepping stones or just cover and food.

How much is needed?

18:30 dinner

19:30 video-projection

Sunday Jan 29th

8:45 - 10:45 oral presentations

Herrmann, Mathias: The lynx in environmental impact studies.

Ferreira, Catarina: Monitoring the impact of Highway nº2 (section Almodôvar-VLA) on a mammal community within the Iberian Lynx historic distribution range

Predoiu, George & Popa, Marius: Lynx population in Romania - history, actual management habitat fragmentation and future trends

Ornicans, Aivars: Large carnivores in northern landscapes: an interdisciplinary approach to their regional conservation

10:45 - 12:00 discussion forum

Minimal Populations size - genetics, stochastic effects, behaviour and space utilisation - experiences from the field

Venue:

The venue of the symposium will be in the central area of the transboundary biosphere reserve Vosges du Nord / Pfälzerwald close to the French / German border. "Fischbach bei Dahn" is a middle sized village. Wissenbourg and Pirmasens are cities close by. We will meet in the "Wappenschmiede" centre for nature experience of the GNOR and in the info centre of the biosphere reserve.

By car:

By car you can reach Fischbach from the highway 10 (B10 Pirmasens to Landau) in the north. From the B10 you go south from Hinterweidenthal via Salzwoog to Fischbach. From the southwest you go from Saarguemines via Bitche, Niedersteinbach and Hirschthal to Fischbach. From southeast you go from Strasbourg via Haguenau, Woerth, Lembach, Hirschthal to Fischbach.

By airplane:

By air plane you may go to Strasbourg (F), Karlsruhe (D), Frankfurt (D), Stuttgart (D).

Public transportation/ Bus shuttle:

There will be a shuttle from Karlsruhe railway station to Fischbach. All information on public transportation is available on www.bahn.de

(Int. Guests).

Accommodation:

There will be a limited number of beds in the "Wappenschmiede" (4-6 bed rooms). In case you make reservations late, you may have to look for a accommodation near by (www.fischbach-im-wasgau.de) (www.dahner-felsenland.net) or tourist info Dahn (phone +49-6393-5811)

Oral presentations:

Oral presentations are 20-30 min, short oral presentations are 10-20 min. To give a longer presentation will be possible, but please inform the organizer as soon as possible.

Posters:

The size of posters will not be limited, but avoid to give poster-presentations more than 1000 words. All authors are requested to give a short introduction to their poster during the poster session.

Technical equipment:

Laptops, beamer, slide and overhead Projectors will be available.

Language:

The language of the meeting will be English, except on Friday (German, French and

English). Simultaneous translation into all three languages will be available on this day. Friday talks will focus on application.

Excursion:

There will be an excursion to a castle and a protected area nearby.

Registration



Symposium
**FRAGMENTATION OF HABITATS
AND
LYNX POPULATIONS IN EUROPE**
Germany/France Jan. 27th-29th, 2006



The participation fee will be € 49,- (students € 29,-). payable at the registration in cash. (One day € 20,- / 12,-). Credit cards can not be accepted.

I will give/organize

- an oral presentation
- a poster presentation
- a discussion forum

title.....

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I will organize the accommodation myself (www.fischbach-im-wasgau.de) (www.dahnerfelsenland.net) or tourist info Dahn (phone +49-6393-5811)

I would like to stay in the "Wappenschmiede" (www.wappenschmiede.de, [phone +49-6393-993406](tel:+49-6393-993406)). If possible, make a reservation for me (limited number of beds):

four bed dormitory for € 18,-/night incl. breakfast

six bed dormitory for € 15,-/night incl. breakfast

I need linen € 4,-

two bed dormitory in the village for € 24,-/night incl. breakfast

I will participate the meals (lunch and dinner for € 7,50 each)

I am vegetarian

I will take the bus shuttle from Karlsruhe main station to Fischbach Jan. 26. departure Karlsruhe at 20:20 o'clock

I will take the bus shuttle from Fischbach to Karlsruhe main station Jan. 29. arrival at Karlsruhe at 14:50 o'clock

Title:.....

Name:.....

Institution:.....phone.....

street:.....

zip, town:.....

e-mail:.....

please mail this registration form to:

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