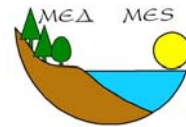




Conservation status of the critically endangered Balkan Lynx in Albania and Macedonia

Gjorge **Ivanov**, Aleksandar **Stojanov**, Dime **Melovski**,
 Vasko **Avukatov**, Erjola **Keçi**, Aleksandër **Trajçe**,
 Kujtim **Mersini**, Olsi **Qazimi**, Ferdinand **Bego**,
 Gabriel **Schwaderer**, Annette **Spangenberg**, John **Linnell**,
 Urs **Breitenmoser** and Manuela **von Arx**

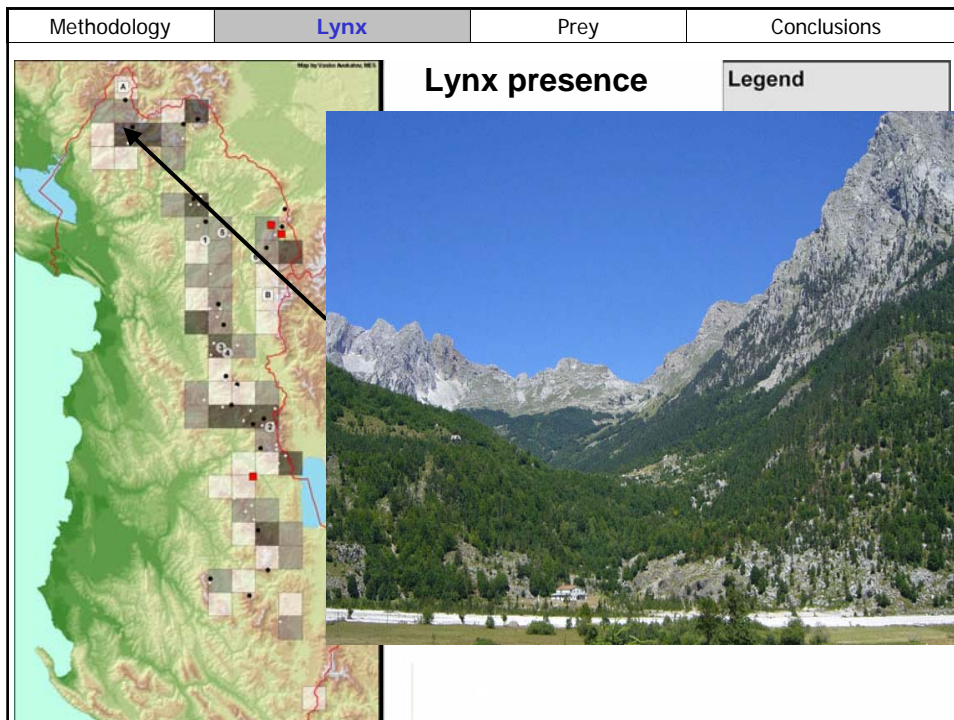
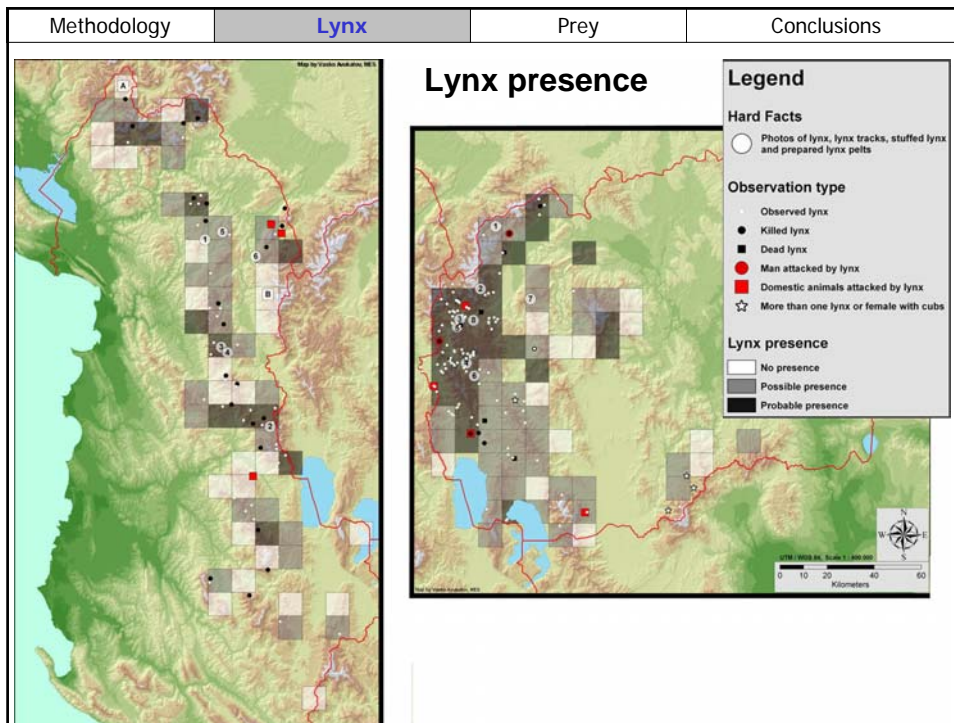


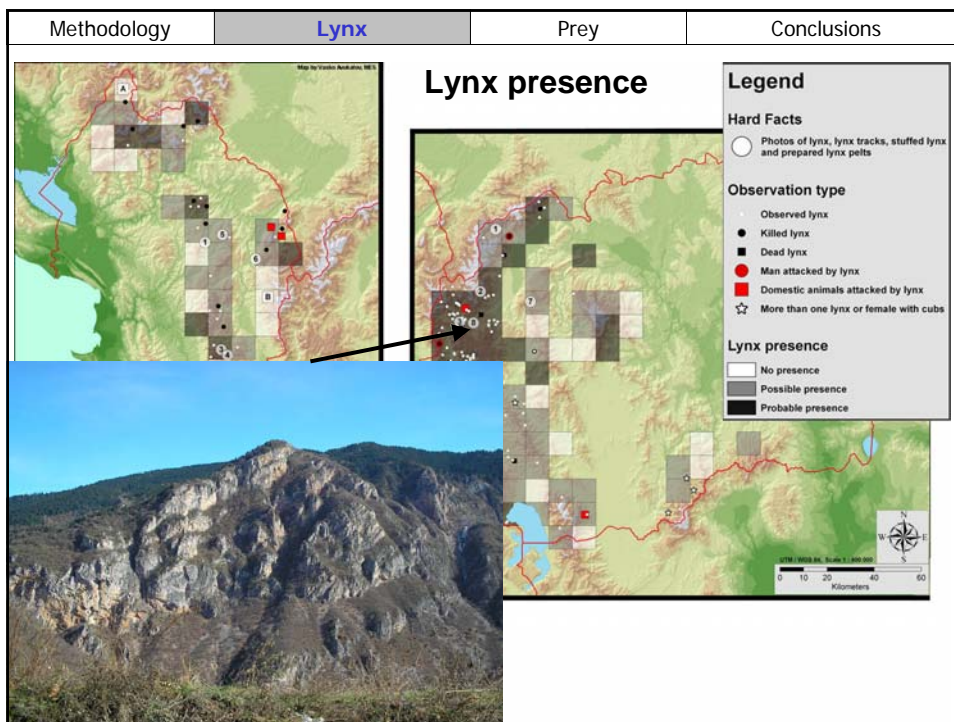
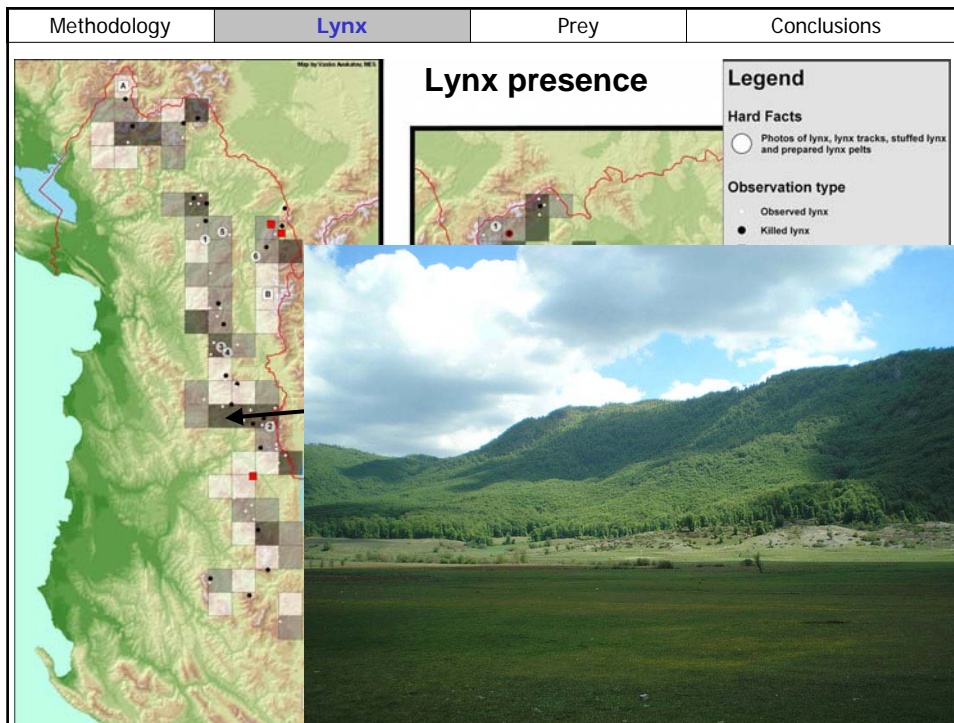
Sponsors:
 M A V A Stiftung für Naturschutz
 Fondation pour la Protection de la Nature
 Research Council of Norway

Methodology	Lynx	Prey	Conclusions
<h2>Methodology for Balkan Lynx Baseline Survey</h2> <p>Purpose: To systematically collect local knowledge on lynx & potential prey</p> <p>Defining the study area</p> <ul style="list-style-type: none"> • Maps overlaid with 10x10 km grid • Study area defined by available information on lynx (73 grid cells in Macedonia and 63 in Albania) • At least 1 village randomly selected per grid cell 			

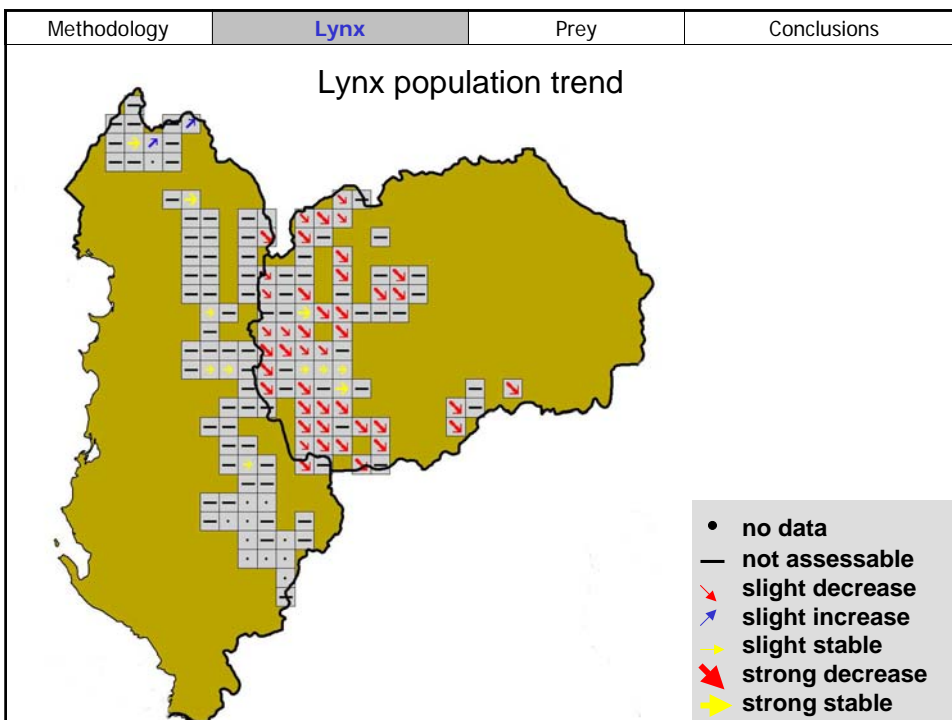
Methodology	Lynx	Prey	Conclusions
<p>Questionnaire</p> <ul style="list-style-type: none"> •Direct (face to face) interviews •Different target groups (hunters, game wardens, foresters, shepherds/farmers, shop-owners, random people) 			
			

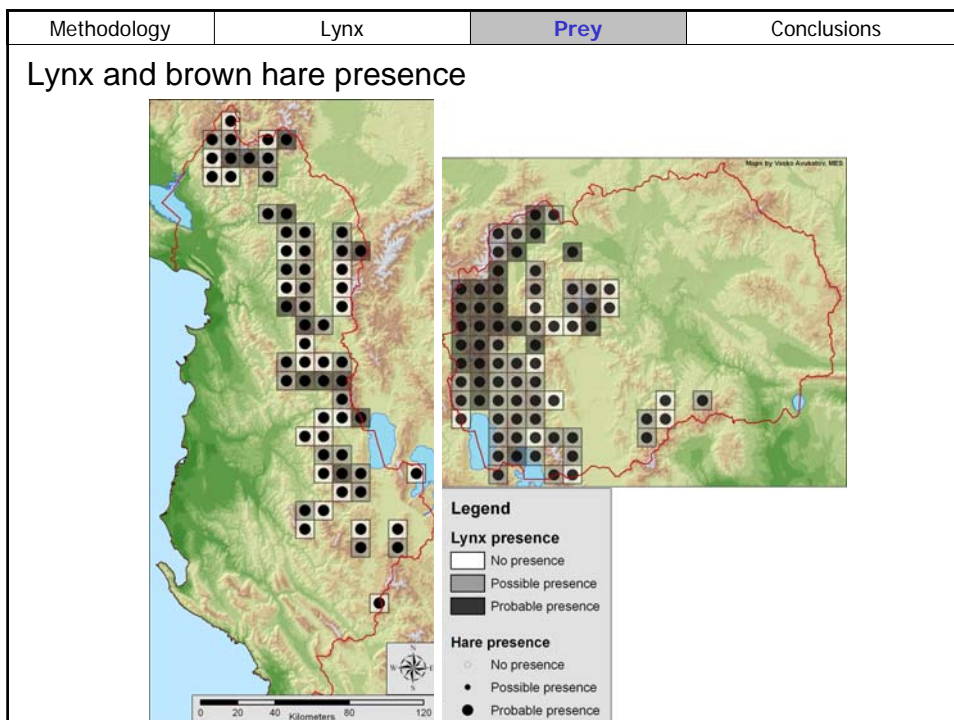
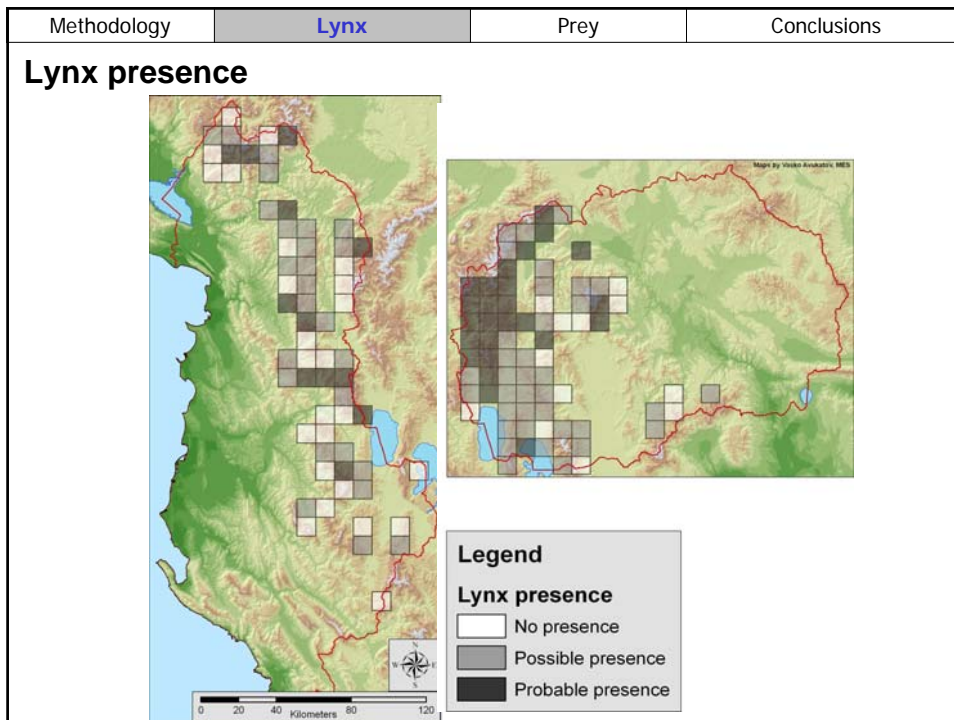
Methodology	Lynx	Prey	Conclusions
<p>Questionnaire</p> <ul style="list-style-type: none"> •Questionnaire divided into 4 main parts: <ol style="list-style-type: none"> 1) presence and distribution of large mammals (carnivores & ungulates), 2) existence of conflicts related with these species 3) animal husbandry details 4) information on socio-economic environment of village •Period of survey: August 2006 – July 2007 •Sample size: 553 interviews in Macedonia and 320 in Albania 			

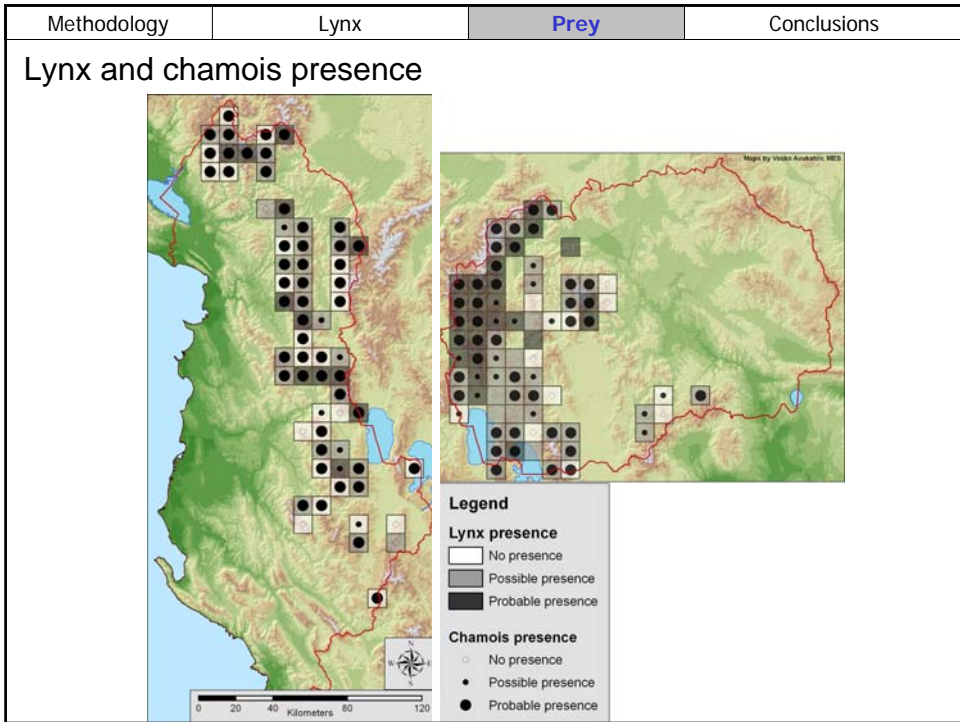
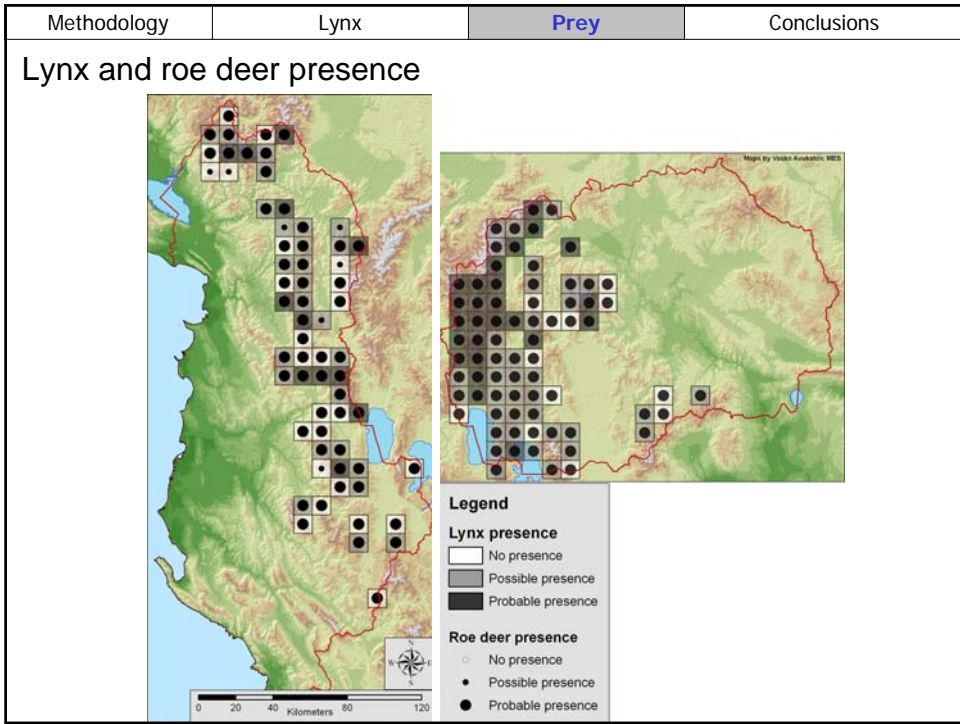






Methodology	Lynx	Prey	Conclusions
<p>Hard facts found during Baseline Survey</p> <ul style="list-style-type: none"> • 3 lynx killed in MK and 6 in AL since 2000 • 3 live lynx photographed in Macedonia since 1999 • 4 lynx tracks found in Macedonia since 2006 			







Methodology	Lynx	Prey	Conclusions																				
<p>Conclusions</p> <p>The results of the Baseline Survey show that the Balkan Lynx still exists..... but, its population has a critical status</p> <table border="1"> <thead> <tr> <th></th> <th>MK</th> <th>AL</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Probable presence</td> <td>25</td> <td>12</td> <td>37</td> </tr> <tr> <td>Possible presence</td> <td>36</td> <td>26</td> <td>62</td> </tr> <tr> <td>No presence</td> <td>12</td> <td>25</td> <td>37</td> </tr> <tr> <td>Grid cells surveyed</td> <td>73</td> <td>63</td> <td>136</td> </tr> </tbody> </table>					MK	AL	Total	Probable presence	25	12	37	Possible presence	36	26	62	No presence	12	25	37	Grid cells surveyed	73	63	136
	MK	AL	Total																				
Probable presence	25	12	37																				
Possible presence	36	26	62																				
No presence	12	25	37																				
Grid cells surveyed	73	63	136																				

Methodology	Lynx	Prey	Conclusions
<p>Conclusions</p> <p>Main threats to its survival are:</p> <ul style="list-style-type: none"> - Direct persecution - Habitat degradation - Decreasing population of prey (especially in Albania) <div style="display: flex; justify-content: space-around;">   </div>			

Methodology	Lynx	Prey	Conclusions
<p>Conclusions</p> <p>The results of the Baseline Survey show that the Balkan Lynx still exists..... but, its population has a critical status</p> <p>Main threats to its survival are:</p> <ul style="list-style-type: none"> - Direct persecution - Habitat degradation - Decreasing population of prey (especially in Albania) <p>Further research needed for assessing the Balkan lynx</p> <ul style="list-style-type: none"> - Population number - Feeding ecology - Land tenure system 			

Methodology	Lynx	Prey	Conclusions
<p>Conclusions</p> <p>The results of the Baseline Survey show that the Balkan Lynx still exists..... but, its population has a critical status</p> <p>Main threats to its survival are:</p> <ul style="list-style-type: none"> - Direct persecution - Habitat degradation - Decreasing population of prey (especially in Albania) <p>Further research needed for assessing the Balkan lynx</p> <ul style="list-style-type: none"> - Population number - Feeding ecology - Land tenure system 			