

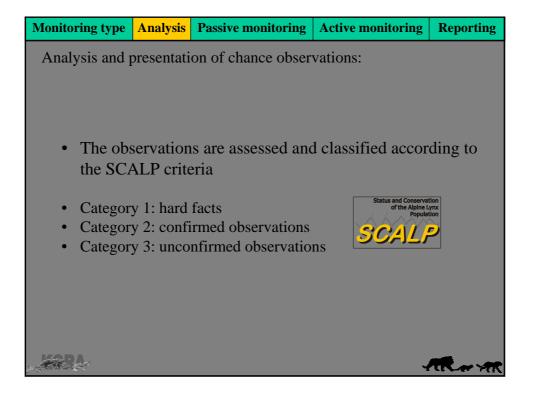
Monitoring type Analysis Passive monitoring Active monitoring Reporting

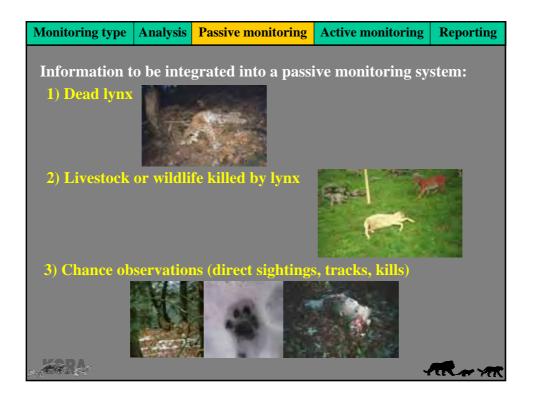
Passive monitoring (PM): collecting second-hand information

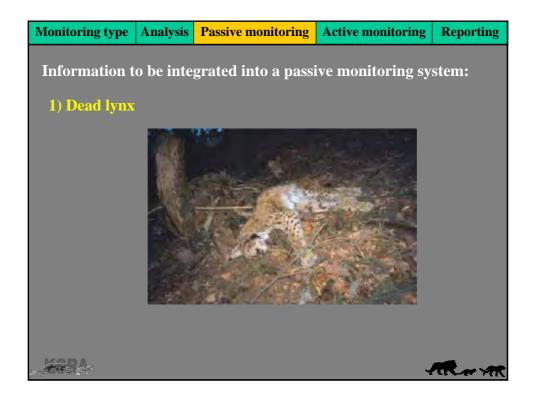
Data that crop up "anyway" are reported and compiled into a database attached to a GIS

Active monitoring (AM): periodic surveys and field procedures

Data are collected in a targeted and systematic way to assure that the sample is as homogenous as possible

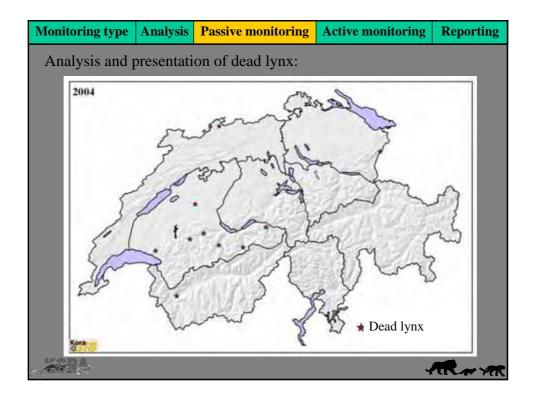


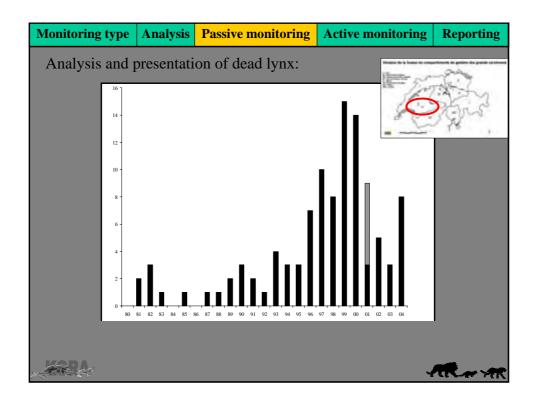




Monitoring type Analys	is Passive monitoring	Active monitoring	Reporting
Methods:			
• Lynx found dead area	must be collected in	from the whole di	stribution
services, hunters	inform all institution , police, veterinarian) ss or remaining parts forms	possibly involved	on: how



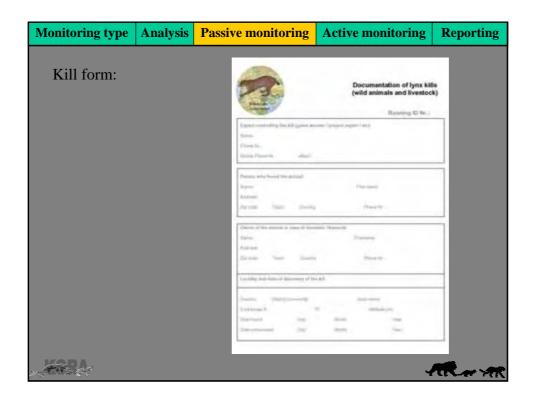


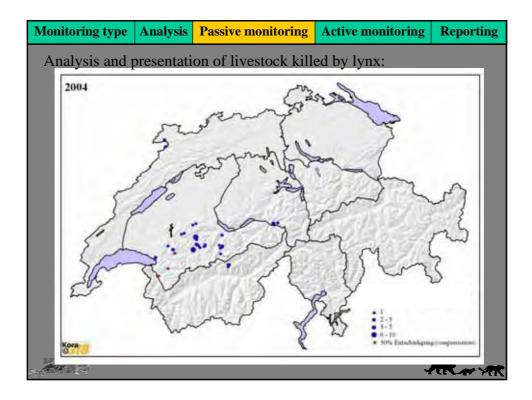


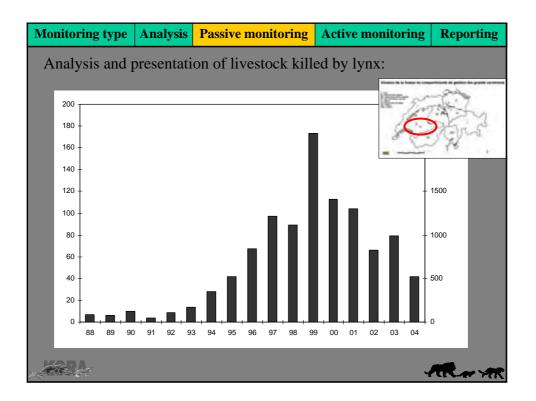
Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Interpretation	n of the d	lata:		
• C1 data (S	SCALP ci	riteria)		
•		ricky to interpret a or decreasing popu	0	ndicate
		le losses represents lelay of a few years		longer
• For an interview with other	1	on over short period	ls they need to be o	compared
Provide in	formatio	n on reproduction		
status c	an furth	rs as well as geneti ermore be collecte ne Balkan lynx.		lly



Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Method:				
5	ted, if co	countries, livestock nfirmed by trained		
Reporting	is high b	because of the comp	pensation	
• Wild ungu	ılates kill	ed are even better i	ndicator but not of	ften found
		lls requires trained a public awareness	and motivated netw	work of





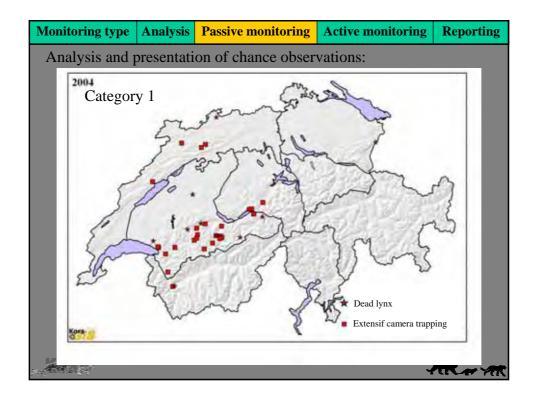


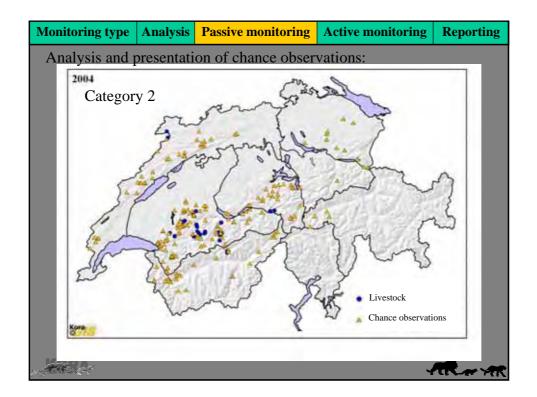
Monitoring type Analysis **Passive monitoring** Reporting **Active monitoring Interpretation of the data:** • If the examination and reporting is done by a network of trained people, the amount of kills found per time unit in a certain area is the best category 2 dataset (C2, SCALP criteria). • The quality of the dataset depends on the probability of finding kills • If the network is well established, kill frequency allow a relative comparison bewteen different areas and years • The locality of wild ungulates kill sites gives good indication on the lynx distribution and habitat use • Livestock depredation is biased towards areas where small ruminants (sheep & goats) are available • Up to date, no case in Europe was reported where lynx were living manly from livestock

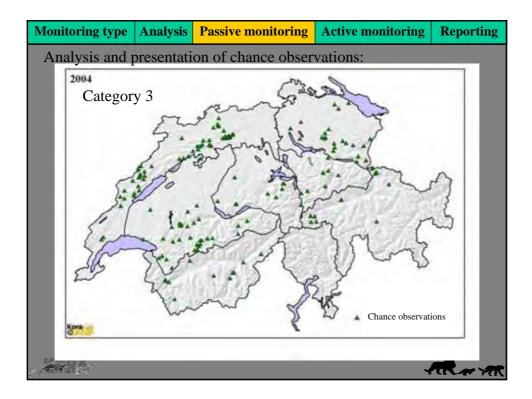


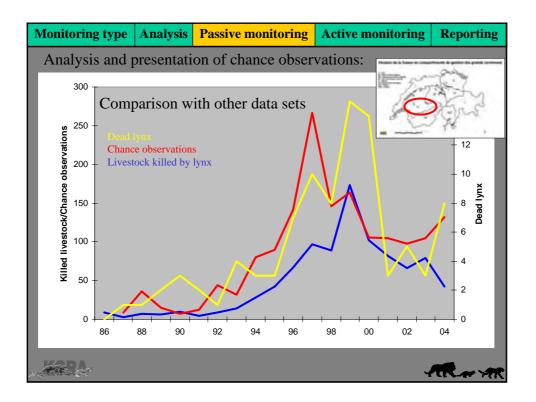
Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Method:				
Chance of	oservation	ns should be collect	ted in a systematic	way
		n the dataset should a collection	d not be the consec	quence of
	d be gathe	ns are collected ove ered over a larger a	0	• ·
		(e.g. hunters, farm ce of reporting occa		
• The amou	nt of data	a collected will dep	end on the propaga	anda made



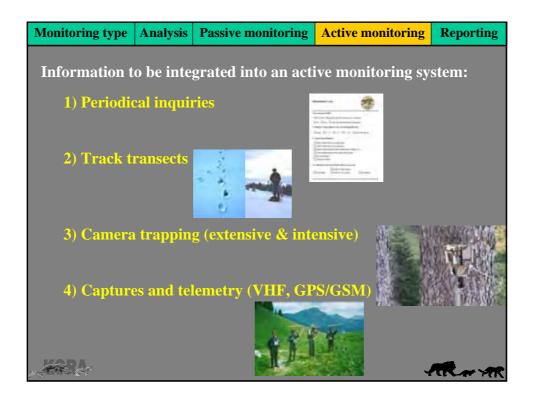


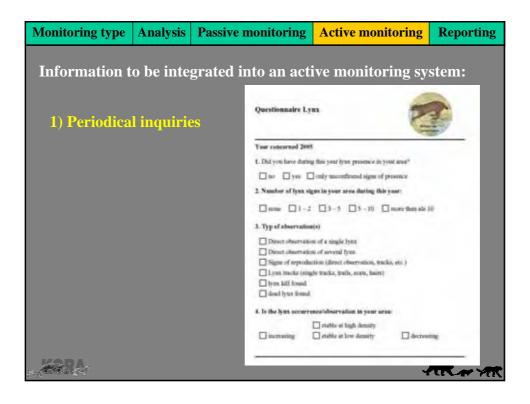


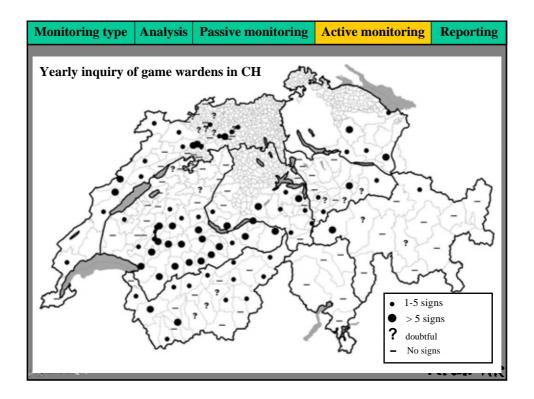




Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Interpretatio	n of the c	lata:		
Chance of include se		ns must be interpret ises	ed with care, as th	ey likely
-		the known distribut observations indications in the second seco	· •	
		area of occupation, ars be an indicator f	•	
• Information	on on rep	roduction can also l	be obtained	







Monitoring typeAnalysisPassive monitoringActive monitoringReportingInterpretation of the date:

Interpretation of the data:

- It allows a quick and easy overview of the total distribution area
- Gaps in the lynx distribution area
- Gaps in the monitoring system
- Information on relative density and population trends
- Information on reproduction
- Important for the control of the interpretation of the passive monitoring and to adjust the monitoring if gaps have been identified

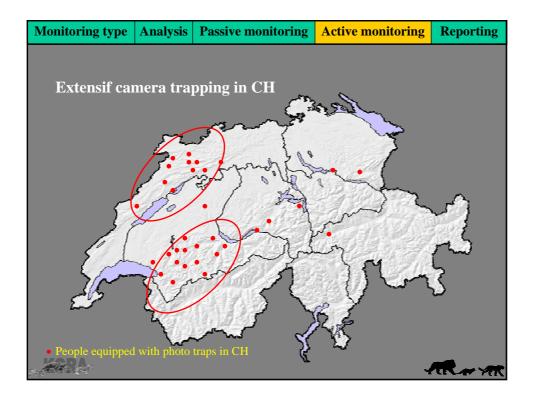


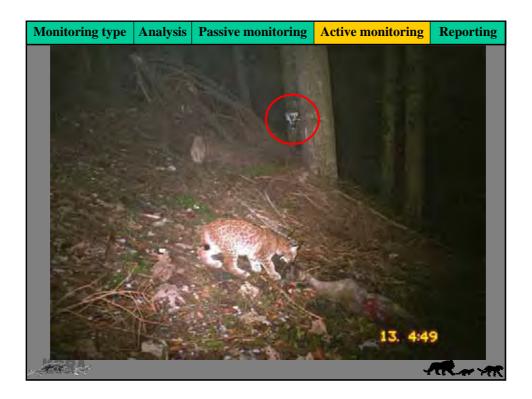
Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Methods:				
 Lynx trac. pred-defir 		arched in the snow a pect lines.	along forest roads,	paths or
• The surve	y is made	e 2-3 days after sno	wfall	
• The numb direction	-	x tracks crossing th ed	e transect lines and	d their
• All tracks	are mapp	ped and mesured		
	hat at lea	avoided by backtra st one transect with ss	e	•
• Transect r a strict pa		n either be positione	ed randomly or acc	cording to
They shou movemen	-	ced in good lynx h of lynx	abitat and consider	the

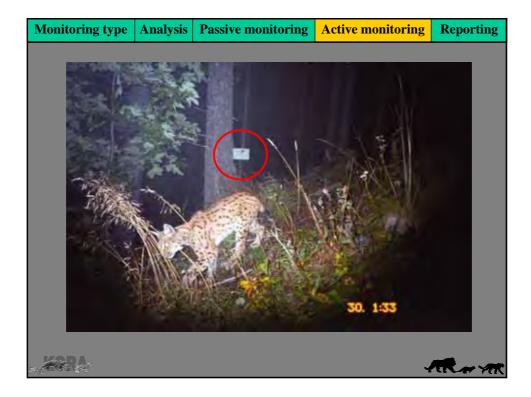


Monitoring type	Analysis	Passive monitoring	Active monitoring	Reporting
Interpretation	n of the d	lata:		
 Presence/a Minimum Comparise 	absence o estimatio	of lynx tracks on su	-	l on the

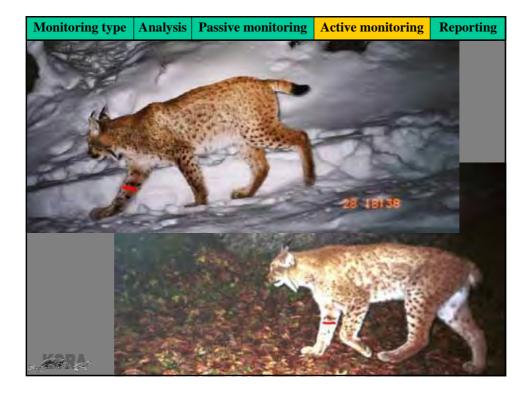




















Minimum number of lynx pictured					
Compartiment	2002	2003	2004		
I Jura	4-5 (+2 juv.)	5 (+4 juv.)	4		
II North-eastern CH	0	4	1		
III Central CH West	0	1-2	3		
IV Central CH East	0	0	0		
V Grisons	2	0	0		
VI North-western CH Alpes	18-21 (+6 juv.)	17-20 (+1 juv).	18-19 (+10 juv.)		
VII Valais	0	0	(1 juv.)		
VIII Ticino	0	0	0		
Total	24-28 (+8 juv.)	27-32 (+5 juv.)	26-27 (+11 juv.)		

