

Iberian Lynx Project Record¹

Basic Project Information:

Project Name: Hemorrhagic Dis management on	sease (RHD) o RHD epidemi	ology: vaccina	opulations a	nd the effects	of population
control and habi	_				
Abbreviation: populations	Theoretical	approach to ass	say the reduct	ion of RHD imp	eact in wild rabbit
Project Institution	: Gobierno de	Aragon. Depai	rtamento de N	Medio Ambiente	;
Project Leader:					
Project Website:					
1 Tojout Wobsite.					
Start Date (year/r	month): 05/1		End Date (ye	ear/month): 05/1	2
Expected Duratio	n: 1 year				
Current Status:	proposed	d ⊠ active	clo	osed	unknown
Notes:					
Focus Level C	Countries:				
Spain	П	\boxtimes		☐ Port	ugal
Project Region:					agai
i roject ivegion.					
Focus Level T	Гаха:				
	Key focus	substantial	significant	small	unassessed
L. pardinus:					
O. cuniculus:					
Other species:					
Habitat:			\Box		

¹ Including projects on prey base and habitat which do not focus specifically on *Lynx pardinus* but do benefit it.

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Project Goals and Methods:

Abstract: Epidemiology of RHD, and therefore its impact on wild rabbit populations is highly dependent of rabbit population dynamics. On the other hand, several management tools, as vaccination campaigns, translocations, predator control and habitat management, are widely used to enhance rabbit populations in Spain and Portugal. However results have been negligible in the most of cases. There are evidences that management can increase the RHD negative impact on rabbit populations in any circumstances, but the effects of these managements on RHD epidemiology, and therefore on rabbit population growth have not been evaluated to date.

Project Goals: The main goals are (i) developing an age-structured mathematical model and evaluate the initial and ongoing impact of RHD under different rabbit population dynamics, including different levels of predation (ii) extending the model to assay different strategies of management as vaccination campaigns, translocation, predator control and habitat management to change rabbit population dynamics. (iii) to assay and determine the best combination sets of management tools to increase rabbit density.

Project Methods: Developing several mathematical models and carrying out theoretical approaches to rabbit population management.

Additional Information:

Activities:

Focus Level ► Activity ▼	Key Focus	substant ial	significant	small	unasse ssed
Habitat-related implementation: Protected Area management support Land-use changes Habitat or prey base restoration Transboundary initiatives					
People-related: Law enforcement: Law enforcement					\boxtimes
People-related: Opinion-formers: Networking and information sharing Planning and policy Advocacy					
People-related: Living near the species: Personal involvement Economic incentives/alternative resources Resolving human/carnivore conflict					
People-related: General public: ☐ Education ☐ Awareness and PR					\boxtimes
Taxon-related implementation: ☐ Gene pool ☐ Re-introduction or supplementation ☐ Translocation/rehabilitation ☐ Disease control ☐ Species utilization/management					
Ecological research: Cat population surveys or monitoring Habitat/prey assessment or monitoring Spatial/temporal patterns Predator/prey relationship Population dynamics Behavioural ecology					
Human activities research: ☐ Human attitudes research					\boxtimes
Taxon-related research: ☐ Veterinary research ☐ Evolutionary research	\boxtimes				

Genetics research]	
Supplement to Research activities: Research			techniques: Direct observation Molecular analysis Questionnaires/interviews Tracking/sign surveys					
Agency Invo	Year	(Fund		Amount	Notes			
Gobierno de Arag	on 2005							
Contacts:								
Organisation	Namo S	urnamo	Email		Phono	Fax		
Organisation		Name, Surname Email Carlos Calvete vetecal2		3@jazzfree.d	Phone com	ı ax		

Additional comments/notes: