

Working Group 4

Vinculando la Conservación *in-situ* + *ex-situ* 4 mensajes clave (4 key messages)

- 1 La finalidad del programa de cría en cautividad del lince ibérico es la conservación de las poblaciones silvestres.**
The ultimate aim of the Conservation Breeding Programme is to conserve Iberian lynx in the wild.
- 2 A través del programa de cría se conservará el máximo posible de variabilidad genética de la especie y se proporcionarán ejemplares para futuras reintroducciones.**
The conservation breeding programme will conserve the maximum possible genetic diversity and will provide lynx for future reintroduction projects.
- 3 La identificación, conservación y mejora de hábitats potenciales es imprescindible para la reintroducción del lince ibérico.**
It is vital to identify, preserve, and improve habitat to make it suitable for future Iberian lynx re-introductions.
- 4. Las poblaciones silvestres y cautivas deben gestionarse como una sola unidad a fin de aumentar las posibilidades de recuperación de la especie.**
The wild and captive populations should be managed as a single unit to maximise chances of recovery of the species.

Prioridad 1 Identificar, mejorar y preparar hábitats en Portugal y en otras CCAA para posibles reintroducciones futuras.

Priority 1 *Identify, improve and prepare habitat for eventual re-introduction projects in Spanish Autonomous Communities and Portugal*

- ***Rationale:*** If there is no suitable habitat, re-introduction will not be possible, the Ex-situ Program will fail one of its main objectives, and potential for downlisting the species will not be attainable
- ***Hurdles :*** Presently, there is no unified methodology to carry out habitat assessments and no compromise yet from partners to preserve and improve available habitat.
- ***Solutions:***
 Develop a unified protocol, evaluate potential habitats for reintroduction, protect habitats (agreements with land owners, improve prey populations...), promote agreements with CCAA and Portugal
 Create a multidisciplinary team/s (small teams, professional and operational) to standardise methodology and develop a stepwise approach for prioritizing habitat for future reintroductions
- ***Contribution (what, who, when?):***
What: Develop plan to identify, improve and conserve habitat for reintroduction
Who: Iberian Lynx Working Group. Look for compromises during next meeting
When: *Protocolos – May 2005; Identificación y mejora de áreas potenciales – 2007; Comparación de áreas en todo el territorio ibérico para seleccionar la que ofrezca las mayores probabilidades de éxito para llevar a cabo la primera reintroducción de lince ibérico - 2009*

Prioridad 2 Es necesario construir nuevos centros de cría en cautividad en número y calidad suficientes, según el protocolo establecido.

Priority 2 *It is imperative to build adequate breeding facilities in sufficient number and extension, according to the established protocol.*

Rationale: CBP will have to stop without enough space

Hurdles : no compromise yet from partners

Solutions: promote MOUs among potential partners; link them to habitat conservation in those areas that propose to use lynx reintroduction as a conservation strategy.

Incorporate Centers at the rate proposed by the Captive Breeding Program

2004 – 1 Centro Piloto + 1 Centro Asociado + 1 Centro de Apoyo (n = 12)

2005 – 1 Centro Piloto + 1 Centro Exclusivo + 1 Centro Asociado (n = 19)

2006 /2007- 1 Centro Piloto + 1 o 2 Centros Exclusivos + 1 o 2 Centros Asociados (n = 25-35)

2008/2009 - 1 Centro Piloto + 3 Centros Exclusivos + 2 o 3 Centros Asociados (n = 46-56)

2010 en adelante - 1 Centro Piloto + 3 Centros Exclusivos + 4 o 5 Centros Asociados (n =60-73)

Contribution (what, who, when?):

What: Draft MoUs incorporating the protocol.

Who: Astrid Vargas, Captive breeding committee and Miguel Angel Simón,

When: February 2005

In addition, it is important to actively search for potential partners, involve Bilateral Commission

Prioridad 3: Estudiar la genética de las poblaciones cautivas y silvestres con el fin de integrar el manejo de poblaciones cautivas y silvestres
Priority 3: Study the genetics of captive and wild populations to design and implement a unified management approach

- ***Rationale:*** The Iberian lynx cannot afford losing more genetic diversity, and genetic information is necessary for management
- ***Hurdles :*** We lack a detailed understanding of how to integrate the genetic management of wild and captive populations and other gene resources (GRB).
- ***Solutions:*** Establish a strategy for integrating a unified genetic management approach
- ***Contribution (what, who, when?):***
what: Develop strategy
who: J.A. Godoy in collaboration with the Genetic advisory Group,
when: before December 2005

Prioridad 4 Actualizar el modelo del efecto de la extracción de ejemplares con los datos de población más recientes

Priority 4: Update the model for assessment of the impact on populations of taking lynx, using recent data

- ***Rationale:*** current model is outdated
- ***Hurdles:*** none
- ***Solutions:*** update model with current data
- ***Contribution (what, who, when?):***
what: Update model
who: Eloy Revilla (monitoring field teams will contribute necessary information),
when: November 2005.