



## THE EUROPEAN RED LIST

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## The project

- A common project:
  - commissioned and funded by the European Commission
  - implemented through the IUCN experts and partners network
- About 6,000 European species assessed following the IUCN Red List methodology
  - ALL species of mammals, reptiles, amphibians, freshwater fishes, freshwater molluscs, aquatic plants, butterflies, dragonflies
  - SELECTED species of saproxylic beetles, terrestrial molluscs, crop wild relatives, policy related species of plants

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## The project (cont.)

- New assessments:
  - ALL bees (~2000 sp)
  - Priority medicinal plants (~400 sp)
  - ALL marine fishes (~1200 sp)
  - ALL birds (~530 sp)

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## Objectives

- Provide information on status of biodiversity to decision-makers and policy (legislation, conventions, etc.)
- Assist regional conservation planning through:
  - provision of baseline datasets
  - background information for coordinated conservation action
- Awareness raising
- Give input on development of European indicators (e.g. Red List Index)

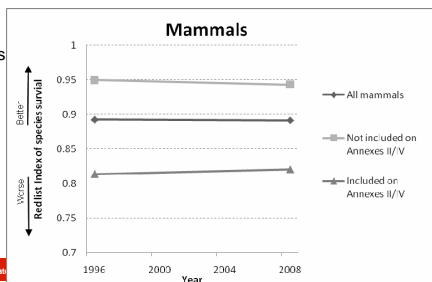
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## Objectives (cont.)

- RLI for European terrestrial vertebrates:

- Mammals
- Amphibians
- Reptiles



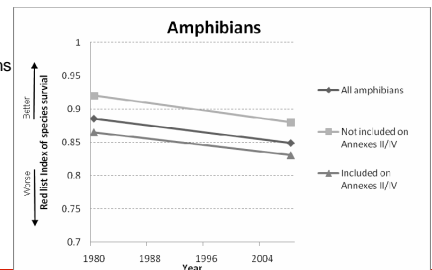
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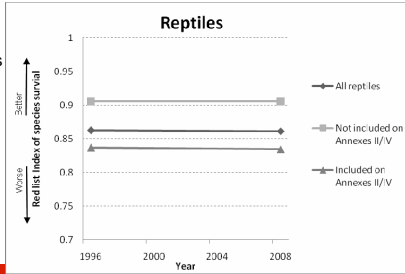
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## Objectives (cont.)

- RLI for European terrestrial vertebrates:

- Mammals
- Amphibians
- Reptiles



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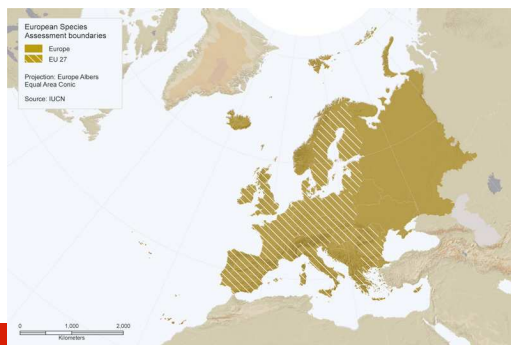
## Objectives (cont.)

- Strengthen regional expert networks
- Increase coverage on global Red List (especially invertebrates & plants)

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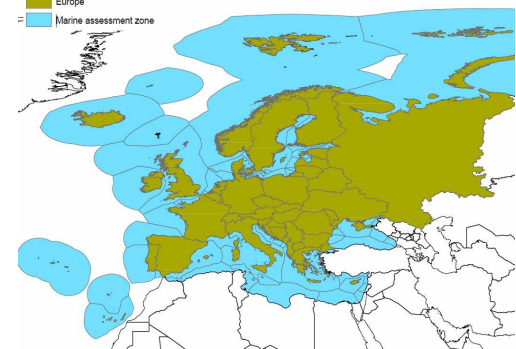
## Assessment boundaries



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## Marine assessment region for Europe



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## Freshwater



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## Results


- **Freshwater Molluscs**  
854 sp. assessed, 88% endemic, 44% threatened, 5 sp. Extinct
- **Freshwater Fishes**  
524 sp. assessed, 81% endemic, 37% threatened, 13 sp. Extinct, 1 sp. Extinct in the Wild
- **Amphibians**  
83 sp. assessed, 77% endemic, 23% threatened
- **Marine Mammals**  
27 sp. assessed, 22% threatened, 1 sp. Regionally Extinct



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## Results (cont.)


- Terrestrial Molluscs** (selected)  
1,233 sp. assessed, 94% endemic, 20% threatened, 3 sp. Extinct
- Reptiles**  
139 sp. assessed, 53% endemic, 19% threatened
- Dragonflies**  
137 sp. assessed, 13% endemic, 15% threatened, 1 sp. Extinct
- Terrestrial mammals**  
204 sp. assessed, 27% endemic, 14% threatened, 2 sp. Extinct



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## Results (cont.)

- Crop Wild Relatives** (selected)  
572 sp. assessed, 33% endemic, 12% threatened, 1 sp. Regionally Extinct
- Saproxyllic Beetles** (selected)  
431 sp. assessed, 33% endemic, 11% threatened
- Butterflies**  
435 sp. assessed, 33% endemic, 9% threatened, 1 sp. Regionally Extinct
- Aquatic plants**  
393 sp. assessed, 16% endemic, 7% threatened, 1 sp. Extinct



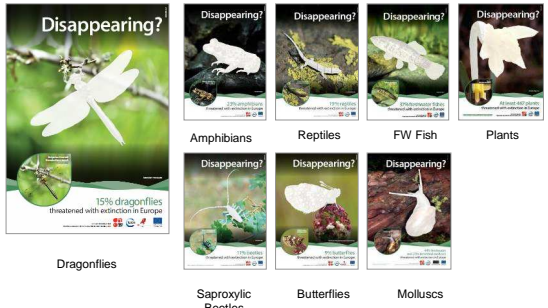
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## European Red List series



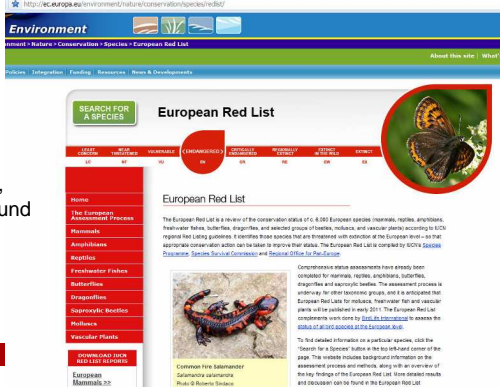
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## European Red List posters



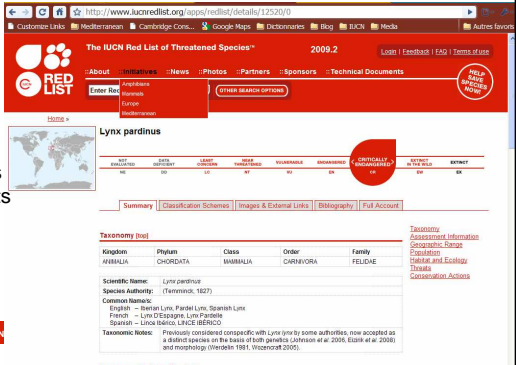
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## Website – European Commission



Results, Analysis, Background info

## Website - IUCN Red List



The IUCN



## Steps and approaches for assessment

1. Produce a species list in collaboration with relevant species experts
2. Identify and liaise with experts, allocate tasks and responsibilities
  - SSC Specialist Groups (Orchid SG, Crop Wild Relatives SG, Bumblebee SG)
  - Other European experts (European Invertebrate Survey, Butterfly Conservation Europe, national botanical societies)
3. Train experts in SIS and Red List methodology if needed
4. Data collection and mapping by experts

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5. Assign Red List category
  - either by expert collecting information
  - or in a round of experts at an IUCN workshop
6. Assessment and maps review
  - either by Red List Authority, Specialist Group or other appropriate experts per email
  - or in an IUCN workshop
7. Final review of assessments and maps and consistency check by IUCN
8. Publication on IUCN Red List website

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## Useful tools

Threatened Species™



## Resources

- IUCN Red List website: [www.iucnredlist.org](http://www.iucnredlist.org)
- Red List training website: [www.iucnredlist.org/technical-documents/red-list-training](http://www.iucnredlist.org/technical-documents/red-list-training)
- Regional Red List website: [www.regionalredlist.com](http://www.regionalredlist.com)
- Species mapping tools: <http://speciesmapping.pbworks.com>
- European Red List website: <http://ec.europa.eu/environment/nature/conservation/species/redlist/>

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## European Red List of Birds

- IUCN to:
  - provide technical assistance
  - ensure consistency with the European Red List initiative
- Member of the Steering Committee

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