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**The National Red List database &
tracking progress towards Target 12**

National Red List project & database

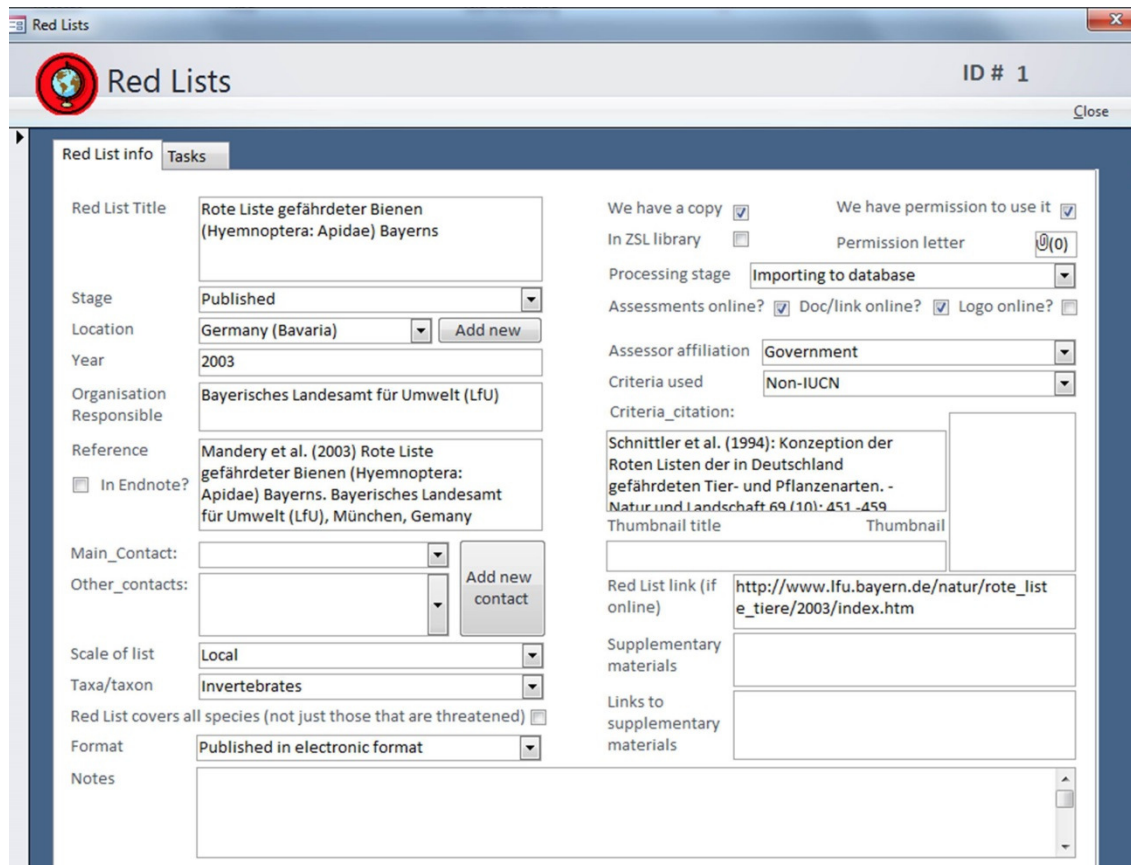
- Started around 2008
- Repository for information on sub-global Red Lists



Note: We are working on an update on the website & database – due for completion early 2017

The National Red List database

Holds information on all Red Lists carried out at regional (multiple countries), national or sub-national levels



The screenshot shows a web application window titled "Red Lists" with a sub-header "ID # 1". The interface is divided into two main sections: "Red List info" and "Tasks". The "Red List info" section contains a form with the following fields:

- Red List Title:** Rote Liste gefährdeter Bienen (Hymenoptera: Apidae) Bayerns
- Stage:** Published
- Location:** Germany (Bavaria)
- Year:** 2003
- Organisation Responsible:** Bayerisches Landesamt für Umwelt (LfU)
- Reference:** Mandery et al. (2003) Rote Liste gefährdeter Bienen (Hymenoptera: Apidae) Bayerns. Bayerisches Landesamt für Umwelt (LfU), München, Germany
- Main Contact:** (empty)
- Other contacts:** (empty)
- Scale of list:** Local
- Taxa/taxon:** Invertebrates
- Red List covers all species (not just those that are threatened):** (checked)
- Format:** Published in electronic format
- Notes:** (empty)

The "Tasks" section contains the following fields:

- We have a copy:** (checked)
- We have permission to use it:** (checked)
- In ZSL library:** (unchecked)
- Permission letter:** 0(0)
- Processing stage:** Importing to database
- Assessments online?:** (checked)
- Doc/link online?:** (checked)
- Logo online?:** (unchecked)
- Assessor affiliation:** Government
- Criteria used:** Non-IUCN
- Criteria citation:** Schnittler et al. (1994): Konzeption der Roten Listen der in Deutschland gefährdeten Tier- und Pflanzenarten. - Natur und Landschaft 69 (10): 451-459
- Thumbnail title:** (empty)
- Thumbnail:** (empty)
- Red List link (if online):** http://www.lfu.bayern.de/natur/rote_liste_tiere/2003/index.htm
- Supplementary materials:** (empty)
- Links to supplementary materials:** (empty)

Info on:

87 regional Red Lists

581 national Red Lists

234 sub-national Red Lists

(as of 02/12/2016)



The Species Assessments database

Holds species assessments from regional, national and sub-national Red Lists

Currently, 228,026 assessments for
132,672 unique taxon names

188,362 at national level
(07/11/2016)



Keyword search: <input type="text" value="Lucanus cervus"/> <input type="button" value="Search"/> <input type="button" value="Show advanced search"/>			
Species	Common names	Country	Regional status
Lucanus cervus	roháč obecný	Czech Republic	EN
Lucanus cervus	Estonian: põderpõrmikas	Estonia	EX
Lucanus cervus		Poland	EN
Lucanus cervus		Sweden	NT
Lucanus cervus		Carpathian Mountains	EN
Lucanus cervus		Sweden	LC
Lucanus cervus	ekoxe	Sweden	VU
Lucanus cervus		United Kingdom	NE
Lucanus cervus		Norway	CR
Lucanus cervus	Kacadrej	Albania	LRod
Lucanus cervus		Lithuania	Ex
Lucanus cervus	Hirchkäfer	Germany	2
Lucanus cervus	Hirchkäfer	Germany (Baden-Wuerttemberg)	3
Lucanus cervus	Hirchkäfer	Germany (Bayern)	2
Lucanus cervus cervus		Estonia	NA

Why do we need this database?

SPECIES AND PROJECTED COSTS FOR A BAROMETER OF LIFE				
Major taxonomic grouping	Described species*	Species assessed on IUCN Red List by 2009 [†]	FOR THE BAROMETER	
			Provisional target number of species	Estimated cost to complete (US\$)
Chordates	64,788	27,882	61,635	16,000,000
Invertebrates	1,359,365	7,615	45,344	20,000,000
Plants	310,129	12,151	38,521	17,000,000
Fungi and others	165,305	18	14,500	7,000,000
	1,899,587	47,666	160,000	60,000,000

*Data on the number of described species taken from (1). [†]Data on the number of assessed species from www.iucnredlist.org.

Stuart *et al.* 2010 Science 328, 177

Taxonomic coverage of NRLs

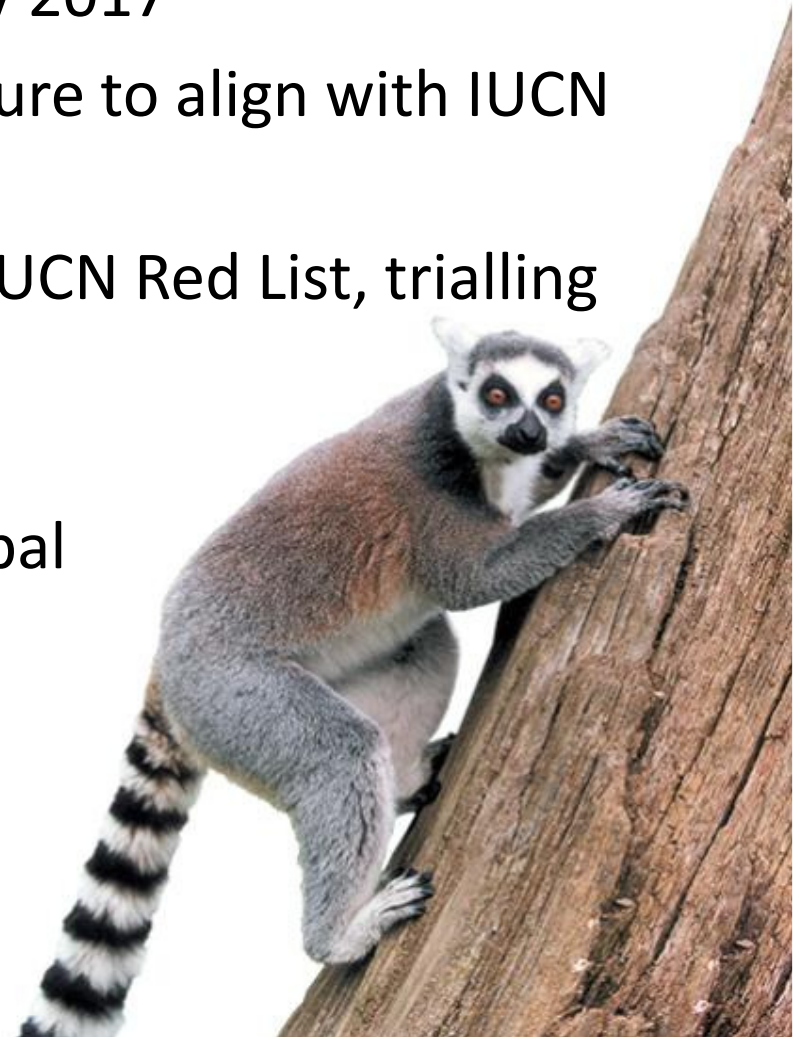
	IUCN criteria	Modified IUCN criteria	Other criteria system	TOTAL
Vertebrates	12,294	1,304	587	14,185
Invertebrates	21,615	5,858	28	27,481
Plants	41,076	10,906	10,242	62,224
Fungi & protists	9,703	820	3,455	13,978



Number of assessments held as of 07/11/2016 (note: these are NOT unique species)

What next?

- Complete database update by early 2017
- Work on improved database structure to align with IUCN Red List (throughout 2017)
- Select assessments for transfer to IUCN Red List, trialling SIS uploader developed by IUCN
- Commence on project to estimate global extinction risk from sub-global assessments
- Form collaborations to make maximum use of the dataset
- Keep highlighting the value of National Red Lists



Acknowledgements



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