



Wildlife conservation at Madagascar: A global overview

Journée d'étude « Gestion rationnelle de la grande faune mammalienne en région tempérée
et tropicale » 13/10/2015

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- Southern hemisphere
- Indian ocean
- Mozambique channel (415 km)
- 587 045 km²
- 23 571 962 habitants
- 76 % rural population





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Madagascar

⇒ High biodiversity

⇒ High endemism

} Hotspot



Lemurs



- ⇒ 103 species
- ⇒ 15 genus
- ⇒ 5 families:

- *Cheirogaleidae*
- *Lepilemuridae*
- *Lemuridae*
- *Indridriidae*
- *Daubentoniidae*





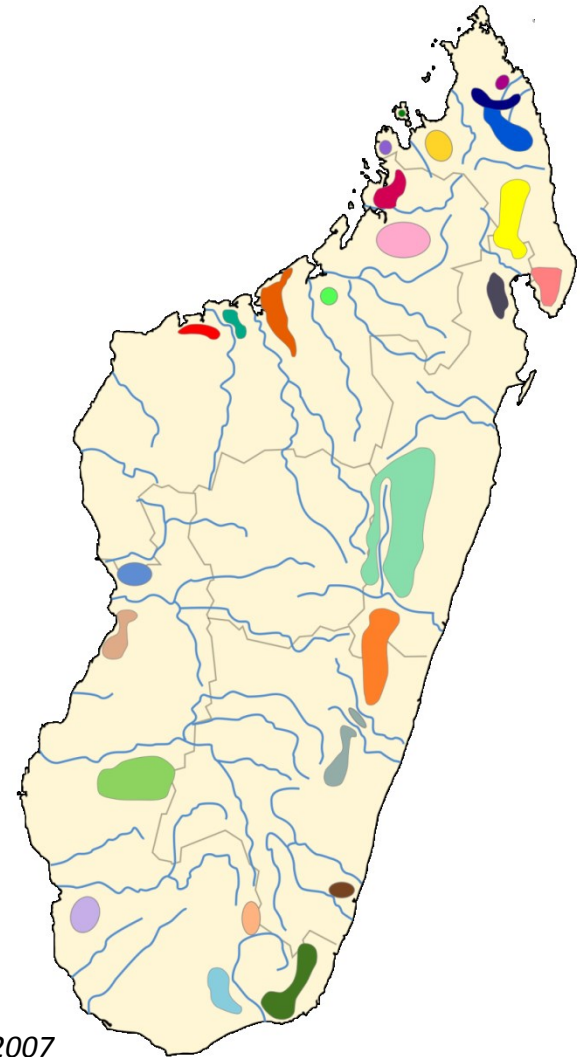
Illustration of the 15 genus of lemurs

Légende:

- A. *Microcebus*;**
- B. *Mirza*;**
- C. *Alloceus*;**
- D. *Cheirogaleus*;**
- E. *Phaner*;**
- F. *Lepilemur*;**
- G. *Haplemur*;**
- H. *Prolemur*;**
- I. *Lemur*;**
- J. *Eulemur*;**
- K. *Varecia*;**
- L. *Avahi*;**
- M. *Propithecus*;**
- N. *Indri*;**
- O. *Daubentonia*.**

Genus *Lepilemur*

- ✓ 26 species
- ✓ Small area of distribution



Craul *et al.*, 2007

Threats

- ✓ Deforestation
- ✓ Habitat fragmentation
- ✓ Agriculture
- ✓ Illegal logging
- ✓ Political crisis

- ✓ Poaching
- ✓ Soil degradation
- ✓ Erosion
- ✓ Mines
- ✓ Poverty
- ✓



WILDLIFE



THREAT OF EXTINCTION

Threats

Green
Island



Red
Island



90 % of the primary **forest** has been **lost**



One of the highest global priorities for nature conservation



Environmental Action Plan

⇒ **1990**, the first Environmental Action Plan :

- ✓ Decreasing of poverty
- ✓ Structural adjustments of the economy of the country
- ✓ Decreasing the degradation of natural resources

⇒ **Fighting forest destruction**



Environmental Action Plan

⇒ **1996**, the law “GELOSE” (*Gestion Locale Securisée*)

- ✓ Considering natural resources as a preoccupation for the community
- ✓ Transfer of management to LOCAL COMMUNITIES (COBA/VOI)
- ✓ COBA manages natural resources around its area

⇒ **Protection of a global ecosystem**



Organizations involved in conservation

➡ At national scale

- ✓ Ministry of environment
- ✓ Madagascar National Parks (MNP)
- ✓ SAGE
- ✓ Local NGO (eg. L'Homme et l'environnement)
- ✓ MRPA
- ✓

➡ At international scale

- ✓ Wildlife Conservation Society
- ✓ IUCN
- ✓ Banque Mondiale
- ✓ WWF-Madagascar
- ✓ Conservation international
- ✓ Wildlife Conservation
- ✓ AEECL
- ✓ Frontier
- ✓ Operation wallacea
- ✓ Bristol Zooligcal Society
- ✓ Stony brook University
- ✓ Duke Lemur Center
- ✓ Durrel Wildlife Conservation Trust
- ✓ ...

Madagascar National Parks (MNP)

- ✓ 1990
- ✓ Private organization
 - ✓ Collaboration with the Ministry of environment



- **3 means goals**
- ✓ Environmental education
 - ✓ Promotion of ecotourism and scientific researches
 - ✓ Equitable sharing of the benefits with local communities



Madagascar National Parks (MNP)

- ➔ **More than 2 millions of ha of protected areas**
- ✓ 7 sites of UNESCO world heritage
 - ✓ 2 RAMSAR sites
 - ✓ 2 BIOSPHERE reserves



Madagascar
National Parks



Global Environment Facilities (GEF) (1992 at Rio)

- ⇒ **Madagascar's Network of Managed Resource Protected Areas**
- ✓ UNDP – Malagasy government
 - ✓ Reach 6 millions of ha of protected areas (Nowadays =5.2 M. ha)
 - ✓ New areas have been created
 - ✓ New protected area will be created in the next few years

- ✓ Ampasindava Peninsula
MRPA

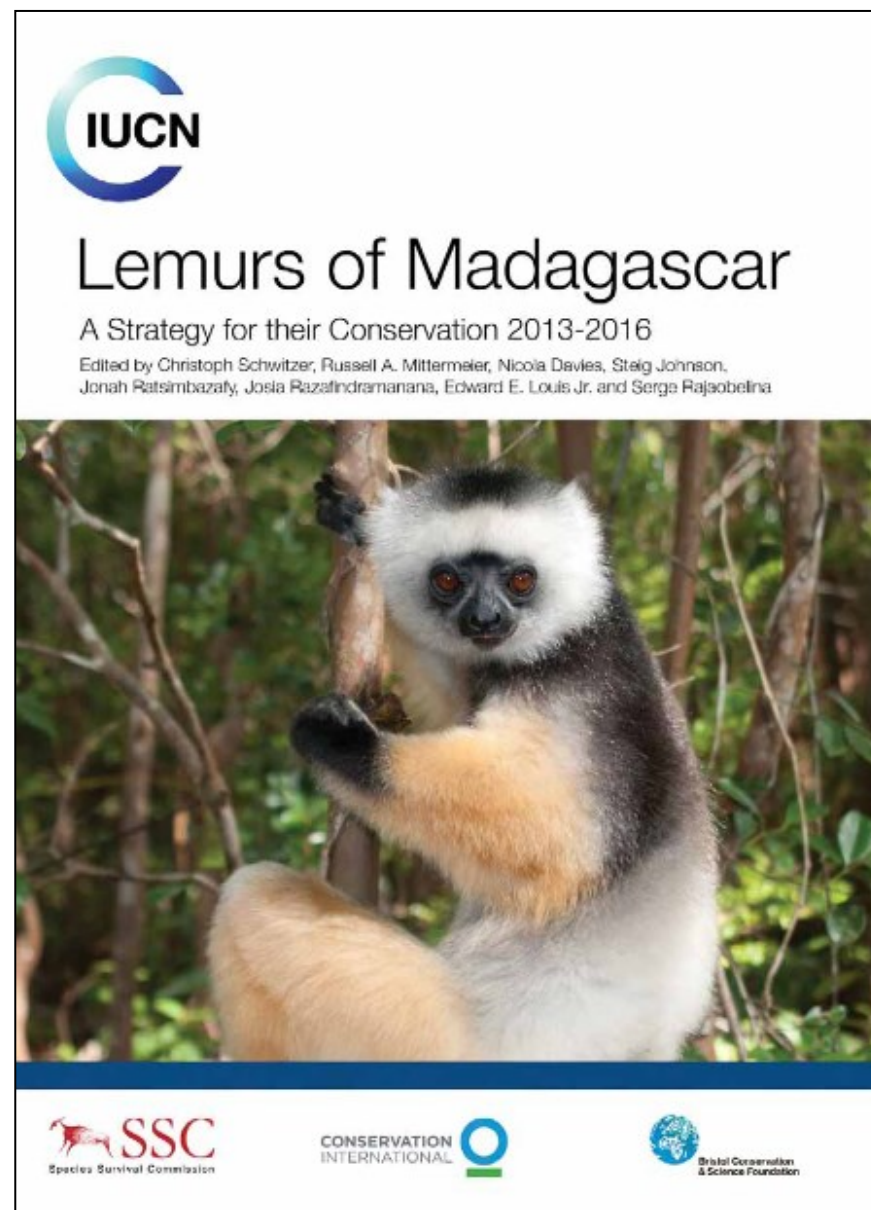


Madagascar's Network of Managed Resource Protected Areas

Strategy for lemurs conservation

➡ Available online

<http://data.iucn.org/dbtw-wpd/edocs/2013-020.pdf>



Thank you for your attention

