

PROTOCOL of COLLABORATION

Phase III : 2000 – 2004

Between:

- └ The Direction-General of Water and Forests (DGEF), represented by its Director-General
- └ The Direction-General of the National Association for the Management of Protected Areas (ANGAP), represented by its Director-General
- └ The Direction-General of the Botanical and Zoological Park of Tsimbazaza (PBZT), represented by its Director
- └ The Direction-General of Scientific Research (DGRS)), represented by its Director-General

« THE MALAGASY PARTY »

And :

THE MADAGASCAR FAUNA GROUP

« THE INTERNATIONAL PARTY »

The parties agree upon the following:

1- OBJECT OF THE COLLABORATION

The present protocol of collaboration is established with a view to the implementation of a national and international program of conservation of faunal species which are threatened with extinction, including :

- The protection of species which are potentially threatened.
- The development of national capacities to manage rationally these species and their habitats.
- The education of the local community concerning the importance of the protection of the natural resources of Madagascar.

2- JUSTIFICATION

The protocol of collaboration is established to promote close relations between the International Party and the Malagasy Party who commit themselves to coordinate their actions for the preservation of endangered Malagasy species.

3- COMMITMENTS OF THE TWO PARTIES

3.1- The International Party

3.1.1 Support for the Management of the Ivoloina Zoological Park (PZI)

3.1.1.1 / Support and provide financial assistance in the measure possible for the development and improvement of the Zoological Park and Forestry Station of Ivoloina.

- Construct and renovate cages
- Provide equipment
- Be responsible for technical assistance
- Give training in: Parc management, conservation programs, reforestation
- Contribute to the Parc's operating budget
- Develop environmental education programs

3.1.1.2 / Develop a strategy towards a greater Malagasy involvement in the Parc's management which would permit the long-term sustainability of the management autonomy of the Zoo and Forestry Station as well as the maintenance of its objectives and conservation programs.

3.1.2. Support for the Botanical and Zoological Park of Tsimbazaza (PBZT)

3.1.2.1 / Support in the measure possible PBZT activities to improve captive breeding management, fauna collection planning, education and field research after the implementation of the PBZT Plan of Development 2000-2003.

3.1.2.2 / Support in the measure possible the activities of PBZT to improve the methods and efficacy of international collaboration.

3.1.3. Conservation of species

3.1.3.1 / The captive breeding and research projects conducted by the Malagasy institutions and the member institutions of the MFG will be established by common accord according to recommended conservation priorities, collection plans, captive management and breeding expertise and the goals of national and international captive breeding programs. The animals exported to MFG member institutions will remain the property of the Malagasy government who should be informed periodically of all events concerning the animals (births, deaths, transfers and other information).

3.1.3.2 / Develop a research program on species and their habitats in collaboration with the Malagasy parties.

3.1.3.3 / Organize an international workshop in Madagascar in collaboration with the « Conservation Breeding Specialist Group » (CBSG) of the International Union for the Conservation of Nature (IUCN) in order to identify priorities and the details of conservation

projects. The actions to undertake will involve species listed in Annex I of the present protocol and will be selected by common accord but could also involve other species or sites which are recommended during the workshop.

3.1.4. Reintroduction Programs

Continue the program of reintroduction of Primates in the Integral Nature Reserve of Betampona. Develop research activities on the ecosystems of Betampona Reserve (plants, other species) and local activities to promote environmental awareness and environmental education. This program will be undertaken in collaboration with ANGAP.

3.1.5 Through its competence, the MFG will contribute to the evaluation of other reintroduction or re-stocking programs. The MFG can also offer advice on a variety of subjects or issues concerning the fauna of Madagascar.

3.2. The Malagasy Party

- 3.2.1. Accord autonomy to the MFG at Parc Ivoloina for administrative and financial management which will ensure operational and strategic management of the Zoological Park and Forestry Station of Ivoloina. Assure that the gate income and donations are utilized for Parc operations. The Ministry of Water and Forests maintains its role as the government supervisory authority and provides technical support.
- 3.2.2. Recognize the MFG as its principal non-governmental partner in nature conservation at Parc Ivoloina and ask the advice of the MFG concerning other programs to undertake at this site.
- 3.2.3. Authorize MFG personnel to conduct research on endangered species, in their natural habitats, and other research projects for biodiversity conservation, in collaboration with personnel of the Malagasy party and conforming to Malagasy research policies.
- 3.2.4. Arrange for the delivery by the appropriate authorities of research authorizations and necessary permits, for the future movement of live animals, veterinary samples and/or shipments of research samples from animals (tissues, hair, blood, feces, skeletal material...) and plant samples (fruits, flowers, seeds, leaves).
- 3.2.5. Encourage Malagasy technicians and students to collaborate with the MFG in the activities previewed in this protocol.
- 3.2.6. Inform the MFG of other breeding, research, conservation and development projects and about legislative actions which could have an impact on the species and habitats involved in MFG activities. Intensify this exchange of information in order to promote an effective and well-coordinated organization of joint efforts to conserve the biodiversity of Madagascar.

3.2.7. Facilitate the issuance by the Ministry of Foreign Affairs of visas of long duration with entries and exits for the personnel of the MFG working in the context of this protocol.

3.3. This protocol does not in any case affect the individual accords which exist already between members of the MFG and the Malagasy Government.

3.4. Duration

The present protocol of collaboration will be evaluated every two years and it is valid for five (05) years.

Antananarivo, the 12 June 2000

SIGNATURES BY:

The International Party

Director of the Madagascar Fauna Group

The Malagasy Party

Directeur Général of Water and Forests
(Eaux et Forêts)

Directeur Général of the National
Association for the Management of Protected
Areas (ANGAP)

Directeur of the Botanical and Zoological
Park of Tsimbazaza (PBZT)

Le Directeur General of Research
(Recherche Scientifique)

ANNEX I

LIST OF SPECIES INVOLVED IN THE COLLABORATION BETWEEN MADAGASCAR AND THE MADAGASCAR FAUNA GROUP

The present list indicates the species for which the Malagasy Party and the MFG have agreed to collaborate in the goal to promote their survival and the protection of their habitats. The list (based on the IUCN Red Data List of Threatened Animals, 1996) is aimed at all endemic species of terrestrial vertebrates as well as the taxa which have been determined by expert advice as being priorities for conservation action. Any new project concerning the taxa listed in this annex should be submitted as a detailed proposal.

In addition to the species in this list, the collaborative efforts can also include:

- a) Species which can serve as models or surrogates for the threatened species, in the domains of captive breeding, research or management in the wild.
- b) Species for which the knowledge of their biology can be useful for the protection of more endangered species or their habitats.
- c) Species having a great value for environmental education and public awareness.
- d) Newly discovered taxa.

A written justification will be submitted to the Malagasy Party for any project concerning species which are not included in this list but which are selected on the basis of criteria a), b), c), or d) above.

Species or genera of Malagasy vertebrates which are considered “critical”, “endangered” or “vulnerable” in the Red Data List of Threatened Animals (IUCN 1996) and other taxa of Malagasy vertebrates considered by the experts to be threatened

Mammals:

Limnogale spp, aquatic tenrecs
Microgale spp, shrew-tenrecs
Rousettus madagascariensis, Madagascar rousette
Emballonura atrata
Triaenops furculus
Myzopoda aurita, sucker-footed bat
Mormopterus acetabulosus
Mormopterus jugularis
Otomops martiensseni
Allocebus spp, hairy-eared dwarf lemurs
Microcebus spp., mouse lemurs
Mirza spp, Coquerel’s mouse lemurs
Phaner spp, fork-marked lemurs
Eulemur spp, lemurs
Hapalemur spp, bamboo lemurs
Lemur spp, ring-tailed lemurs

Varecia spp, ruffed lemurs
Lepilemur spp, sportive lemurs
Avahi spp
Indri spp, indris
Propithecus spp, sifakas
Daubentonia spp, aye-ayes
Galidictis fasciata spp, broad-striped mongooses
Mungotictis spp, narrow-striped mongooses
Salanoia spp, brown-tailed mongooses
Cryptoprocta spp, fosas
Eupleres spp, fanaloves
Fossa spp, Malagasy civets
Eliurus spp
Gymnuromys spp
Hypogeomys spp, giant jumping rats
Macrotarsomys spp

Birds

Tachybaptus pelzelinii, Madagascar grebe
Tachybaptus rufolarvatus, Alaotra grebe
Ardea humbloti, Madagascar heron
Ardea cinerea firsas, grey heron
Anastomus lamelligerus madagascariensis, open-billed stork
Threskiornis (aethiopicus) bernieri, sacred ibis
Lophotibis cristata, crested ibis
Anas bernieri, Madagascar teal
Anas melleri, Meller’s duck
Aythya innotata, Madagascar pochard
Thalassornis leuconotus insularis, white backed duck
Eutriorchis astur, Madagascar serpent-eagle
Haliaeetus vociferoides, Madagascar fish-eagle
Mesitornis unicolor, brown mesite
Mesitornis variegata, white-breasted mesite
Monias benschi
Amauornis olivieri, Sakalava rail
Sarothrura watersi, slender-billed flufftail

Charadrius thoracicus, Madagascar plover
Coua delalandei, snail-eating coua
Tyto soumagnei, Soumagne’s owl
Atelornis crossleyi, rufous-headed ground-roller
Brachypteracias leptosomus, short-legged ground-roller
Brachypteracias squamigera, scaly ground-roller
Uratelornis chimaera, long-tailed ground-roller
Neodrepanis hypoxanthus, small-billed asity
Phyllastrephus apperti, Appert’s greenbul
Phyllastrephus cinereiceps, grey-crowned greenbul
Phyllastrephus tenebrosus, dusky greenbul
Oriolia bernieri, Bernier’s vanga
Xenopirostris damii, Van Dam’s vanga
Xenopirostris polleni, Pollen’s vanga
Crossleyia xanthophrys, Madagascar yellowbrow
Newtonia fanovanae, red-tailed newtonia
Pseudocossyphus bensoni, Benson’s rock-thrush

Reptiles

Brookesia perarmata, antsingy leaf chameleon
Furcifer campani
Furcifer labordi
Furcifer minor
Phelsuma standingi, Standing's day gecko
Acrantophis dumerili, Madagascar ground boa
Acrantophis madagascariensis, Madagascar boa

Sanzinia madagascariensis, Madagascar tree boa
Erymnochelys madagascariensis, Madagascar side-necked turtle
Geochelone radiata, radiated tortoise
Geochelone yniphora, ploughshare tortoise
Pyxis arachnoides, spider tortoise
Pyxis planicauda, Madagascar flat-tailed tortoise

Amphibians

Dyscophus antongilii, tomato frog
Mantella aurantiaca, golden mantella

Fish

Sauvagella spp
Ancharius spp
Pachypanchax spp
Pantanodon spp
Bedotia spp
Rheocles spp
Teramullus spp
Ambassis spp
Mesopristes spp
Paratilapia spp

Ptychochromis spp
Ptychochromoides spp
Paretroplus spp
Oxylapia spp
Ratsirakia spp
Ophiacora spp
Typhleotris spp
Hypseleotris spp
Acentrogobius spp
Glossogobius spp