



# EUROPEAN UNION OF AQUARIUM CURATORS

## REPORTING FORM

### FOR *IN SITU* CONSERVATION PROJECTS FUNDED

# 2021

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#### 1 TITLE OF PROJECT

Fish Net Madagascar

#### 2 NAME OF APPLICANT

##### INSTITUTION

Brian Zimmerman/Charles Fusari/Paul Pearce Kelly Zoological  
Society of London

##### ADDRESS

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##### DATE OF APPLICATION:

12/03/2020

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#### 3 LOCATION OF PROJECT (REGION & COUNTRY)

Madagascar, Andapa district

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#### 4 PROJECT START AND END DATES

July 2020 to September 2022

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## 5 PROJECT CO-ORDINATOR, ADDRESS AND INSTITUTIONAL AFFILIATION

(IF DIFFERENT FROM APPLICANT)

Charles Fusari ([Charles.fusari@zsl.org](mailto:Charles.fusari@zsl.org))

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## 6 PROJECT TYPE

(TICK ANY COMPONENTS THAT APPLY)

- BIOLOGICAL/ECOLOGICAL RESEARCH
- VETERINARY/CONSERVATION MEDICINE
- ANIMAL WELFARE
- CAPTIVE BREEDING
- RE-INTRODUCTION/RE-STOCKING/TRANSLOCATION
- HUMAN-WILDLIFE CONFLICT

- EDUCATION/PUBLIC AWARENESS
  - TRAINING/WORKSHOPS
  - COMMUNITY-BASED/SOCIAL POLICY
  - ECOTOURISM/SUSTAINABLE DEVELOPMENT
  - SUSTAINABLE USE
  - WARDENING/LAW ENFORCEMENT
  - PROTECTED AREAS MANAGEMENT
  - OTHER: \_\_\_\_\_
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## 7 FOCAL SPECIES (COMMON AND SCIENTIFIC NAME)

- Mangarahara Cichlid (Joba mena) - *Ptychochromis insolitus*
    - Lamena – *Paretroplus nourissati*
    - Melemsiska – *Paretroplus gymnopreopercularis*
    - Killifish - *Pachypanchax sp. sofia*
    - *Rheocles derhami*
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## 8 IUCN RED LIST STATUS (OR OTHER THREAT LISTING) OF FOCAL SPECIES

- *Ptychochromis insolitus* **Critically endangered**
  - *Paretroplus nourissati* **Endangered**
  - *Paretroplus gymnopreopercularis* **Critically endangered**
  - *Pachypanchax sp. Sofia* **not evaluated**
  - *Rheocles derhami* **Critically endangered**

CITES NO

APPENDIX

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## 9 PROJECT BACKGROUND (200 words maximum)

ZSL's FishNet Madagascar project focuses on Ecoregion 580 (Northwest Madagascar) which is a hotspot for endemism, particularly for fish in the cichlidae family. The region contains the highest number of endemic fish species (26) in the country and many new species are yet to be discovered and described. The project is focused on the Amboabo River basin, an important Key Biodiversity Area and the last known watershed where the targeted species has been found. *Ptychochromis insolitus*, *Paretroplus gymnopreopercularis* and *Rheocles derhami* are only found within the Amboabo catchment across their known range, making the catchment a critical habitat and priority for conservation efforts. The range is much more restricted than previously known, a 15km stretch of the Amboabo River, a fact established by the previous ZSL led baseline assessment study in the region. Their habitat's extent and quality are declining due to deforestation, dam construction, drought, introduced exotic species and fishing pressures. For many villages, the Amboabo River is the only source of potable water, water for rice culture and to fish for food. The deterioration of this habitat is a threat for endemic freshwater fish species, as well as for the wellbeing, food security and livelihood of the local communities.

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## 10 WAS THE OVERALL PROJECT PURPOSE FULFILLED?

Yes, the overall project purpose was fulfilled. However this is a long terms programme with multiple ongoing projects.

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**11 WHAT OBJECTIVES WERE MET?**

The objectives were met as critically endangered fish populations are maintained and actively managed in ponds in Andapa by our local partner Guy Tam Hyock (APPA). The species maintained are:

*Paretroplus Polyactis*, *Paretroplus nourissati*, *Paretroplus maculatus*, *Paretroplus menarambo*, *Ptychochromis loisellei*, *Ptychochromis insolitus*, *Rheocles vatosoa*, *Pachypanchax sp.sofia*.

**WHAT OBJECTIVES WERE NOT MET?**

None

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**12 WHAT PROJECT ACTIVITIES WERE UNDERTAKEN?**

Funding the care and maintenance of malagasy freshwater fish insurance populations.

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**13 WHAT OUTCOMES WERE ACHIEVED DURING THE COURSE OF THE PROJECT?**

Some of these endangered species will be exported to European zoological institutions to constitute a stronger network of insurance populations.

**ARE ANY ONGOING?**

Yes, see above

**DID ANY EXPECTED OUTCOMES FAIL?**

no

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**14 DID LOCAL PEOPLE/COMMUNITIES PARTICIPATE IN THE PROJECT? IF SO, HOW MANY AND WILL CONTINUED CONTACT BE MADE?**

Local people are employed by our partner APPA to managed and maintain the ponds and the fish populations.

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**15 DID THE GOVERNMENT OF THE HOST COUNTRY RECEIVE INFORMATION ON THE PROJECT'S RESULTS?**

Yes, our partner APPA is in regular contact with the government.

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**16 HOW DID THE RELATIONSHIP WITH OTHER NGOS WORK? WERE THERE ANY ISSUES?**

Good. APPA had difficulty to communicate and stopped producing the quarterly report. The partner has been met in November 2022 to discuss restarting the quarterly report and therefore the payments

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**17 TOTAL PROJECT BUDGET AND EXPENDITURE (IN EUROS)**

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**18 AMOUNT OF MATCHING FUNDS**

SPENT:

- Project manager time 6200€
- Grant administrator time 300€

**19 AMOUNT SPENT FROM EUAC FUNDS:**3486€

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**20 EXPENDITURE BREAKDOWN (IN EUROS)**

- 3 x £1000 payments for the maintenance and the management of outdoor ponds in 2020.

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**21 PUBLICATIONS PRODUCED AS A RESULT OF THE PROJECT**none

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