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Appendix 3: Template for proposing a new EEP

TAGs can use this Template for proposing a new EEP to the EEP Committee. As per default these applications follow from the RCP publication process and the Species Assessment Sheet should be sent along with this template. In exceptional cases new EEPs may also be proposed in between RCP editions. A separate Species Assessment Sheet should be completed if an EEP is being applied for in between RCP editions. Note that not all sections below may be relevant to each programme. Also note that 'species' represents any taxonomic unit the TAG has chosen as the unit of management in an EEP.

EEP Proposal for

Common Species Name: Californian horn shark

Scientific Species Name: *Heterodontus francisci*

Prepared by

Name(s): EAZA Elasmobranch TAG

Year: 2023

1. Contact information

Contact details of proposed EEP Coordinator

Name: Alex Huiberse

Institution: Artis (Amsterdam, The Netherlands)

Email: a.huiberse@artis.nl

2. Taxonomy information

Taxonomy of the species (*indicate which taxa are included in this programme and why, and give an indication of the degree of confidence in the taxonomic identification of the individuals in the EEP population*)

Monotypic

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3. Identified roles

Identified role(s) description *(copy from the Species Assessment Sheet in RCP)*

Role description for potential EEP

Non-conservation roles:

- Exhibit: This shark is a good species to keep for those aquaria with a Californian kelp forest exhibit. This species can work as an ambassador for the species and habitats from northern Gulf of Mexico and the Pacific side of Baja California.

Decision statement: EEP

Despite having identified only an exhibit role during the workshop, the TAG wants to manage actively the population of *Heterodontus francisci* focusing on influencing against the acquisition of animals from the wild. There is already an enthusiastic coordinator for the programme.

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Programme participants and governance

EAZA institutional scope *(As a default, participation in EEPs is obligatory for EAZA Members. If you wish for an exemption, identify which institution(s) holding this species is/are not part of the EEP and explain the underlying reasons.)*

Non-EAZA holding institutional scope *Select one or more of the options below.*

- EAZA population/community is the dominating driver of the EEP and any non-EAZA Members will occasionally join and are not integral to the structure of the EEP.*
- In addition to EAZA, there are other structural/equal drivers of the EEP (e.g., World Pheasant Association, ...). Please describe.*
- A larger initiative exists and the EAZA population is a small part of this (e.g., GSMP, ...). Please describe.*

Additional information: There are around 12 institutions in EAZA, but there are other institutions that are EUAC and also from SEA life. Depending on the importance for the programme the TAG/EEP will be working on the formalization of these facilities with the Aquarium matters (March 2022) document in mind.

Essential non-EAZA partners not holding animals *(List the organisations, define their role, and how they will work with the EEP).*

Members of the EEP core group (Species Committee + non-voting members)

- *By default, EEPs have a Species Committee (a democratically elected representation of the holders) as part of their EEP core group (information on the Species Committee and its associated default decision making process can be found in the Population Management Manual). If that will not be the case for this EEP, explain why and define the composition, structure and decision-making process for the EEP core group.*
Default, species Committee is to be elected.
- *List the EEP core group members (names and institutions) (if already known): Species Committee members, Advisors, others.*

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Collaboration with EAZA Working Groups and Committees

*(Explain any current and/or future proposed links to existing EAZA groups and committees, such as the Animal Training Working Group, **Biobanking Working Group**, **EAZA Reproductive Management Group (RMG)**, EAZA Population Management Advisory Group (EPMAG), EAZA Education Committee, EAZA Nutrition Working Group, EAZA Research Committee, Reintroduction and Translocations Group, Transport Working Group, EAZA Veterinary Committee, EAZA Conservation Committee, Animal Welfare Working Group, Palm oil Working Group).*

In the future this EEP could collaborate with the Working Groups and Committees highlighted in yellow. At a later stage, there could be other collaborations.

4. Programme characteristics

The detailed programme characteristics, goals, objectives and management strategies to fulfil the roles and goals of the EEP will be developed at a later stage as part of a Long-Term Management Plan (LTMP). The questions below are intended to help paint a rough view of what is currently intended/expected for the general EEP programme characteristics.

- *If there is a recent/active Long-term Management Plan for this species, list the demographic, genetic and other goals determined (if they still apply post RCP workshop).*

No LTMP yet

- *What is the anticipated duration of the programme?*

Undefined

- *What is the anticipated likelihood and time scale of the use of the EEP population for restoration in the wild (reintroduction, reinforcement, etc.)?*

IUCN status is DD, so, there are no plans for restoration in the wild. And AZA would be leading such initiatives.

- *Are some or all the individuals within this EEP intended to be held in specialist ex situ centres in the species' native range? Specify.*

No

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- *Is it expected to be necessary that the whole population, or a certain proportion thereof, will need to be held off exhibit in order to fulfil the roles of the programme? If yes, please explain. (this question does not refer to the temporary housing of individuals off exhibit for space reasons)*

No, the main role is exhibit

- *Does a part or the whole of the EEP population need to be held in bio-secure facilities? And/or are there known diseases that have an above average effect on fulfilling the roles of the EEP?*

No

- *What is the expected estimated number of individuals and institutions required to fulfil the selected roles? (this question will be answered in detail during the LTMP session for the taxon, but if some indication of scale is clear already, this should be stated here)*

The goal is to keep the population stable with the current numbers.

- *Is this EEP intended to include rearing of wild eggs/young (i.e. head-starting)?*

No. The intention is also to stop getting animals from the wild.

- *Is this EEP intended to include ex situ breeding?*

Yes

- *Is there likely sufficient expertise for this, or a model, taxon to achieve the roles of the programme and provide conditions for good welfare? Please indicate if Best Practice Guidelines already exist and if yes, include publication date.*

A student next year will start writing the BPG

- *Will (non-)breeding and transfer recommendations be issued? If yes, with what frequency? (naturally problems will need to be solved throughout the year, but with what frequency will recommendations be issued for the whole population at once)*

Yes, by default is non-breeding, unless stated otherwise (depending on holders, space, etc.)

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- *Do you anticipate that the EEP population will be (largely) closed or will there be regular planned additions of individuals? In case of the latter, will this be for genetic and/or demographic reasons and what will be the source (other ex situ sources and/or from the wild)?*

Closed, considering the individuals that are included in the studbook

- *Do you expect genetic and demographic management in this EEP to be individual and/or group-based?*

Individual based

- *Do you expect genetic management in this EEP to be based on pedigree analysis, group history analysis, and/or molecular genetics?*

Yes, molecular genetics

- *Do you anticipate, or proactively plan for, biobanking and/or assisted reproduction to be key components of this programme?*

Yes

- *Do you anticipate certain national or international legislation to form a particular hindrance (more than average) to achieving the roles of your EEP (e.g., CITES, BALAI, governmental ownership, etc.). If so, explain how.*

No

- *Are there any other issues/plans related to in situ conservation support that you feel should be mentioned and are not evident from the role description of the EEP?*

No

- *Is there a research component/aspect to the EEP that is expected to have important consequences for the design of the EEP programme (e.g. housing and husbandry of a significant proportion of the population, etc.)? If yes, explain.*

No

- *Do you anticipate there to be any sizeable political, social, or public conflicts of interest related to the EEP programme and how do you plan to deal with them?*

No

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- *Any important additional programme characteristics that you would like to mention?*

No

5. References (if any)

Janse, M., Baylina, N., Wille, M., Aparici Plaza, D., van der Meer, R., Hausen, N. (eds.) 2021. EAZA Elasmobranch Taxon Advisory Group Regional Collection Plan – First Edition. EAZA Executive Office: Amsterdam.