

Project summary	Measurable Indicators	Progress and Achievements April 2006 - March 2007	Actions required/planned for next period
<p><b>Goal:</b> <i>To draw on expertise relevant to biodiversity from within the United Kingdom to work with local partners in countries rich in biodiversity but constrained in resources to achieve</i></p> <p><i>The conservation of biological diversity,</i></p> <p><i>The sustainable use of its components, and</i></p> <p><i>The fair and equitable sharing of the benefits arising out of the utilisation of genetic resources</i></p>		<p><i>(report on any contribution towards positive impact on biodiversity or positive changes in the conditions of human communities associated with biodiversity eg steps towards sustainable use or equitable sharing of costs or benefits)</i></p>	<p><i>(do not fill not applicable)</i></p>
<p><b>Purpose:</b> Populations of ornamental fish species in MSDR protected through management within a sustainable ornamental fishery, made possible through strengthened capacity of fishers, local community, researchers, reserve managers and national and international traders.</p>	<p>Ornamental fish populations in MSDR remain at natural levels whilst accommodating controlled sustainable extraction of selected fish species by May 2008.</p> <p>Two Organised Community Associations have demonstrated capacity to implement and manage the sustainable extraction of ornamental fish from within MSDR by May 2008.</p> <p>Best Practice Guidelines adopted by all links in the supply chain from MSDR to retailer by May 2008 to ensure the sustainable trade in</p>	<p>(report on progress towards achieving the project purpose, ie the sum of the outputs and assumptions )</p>	<p>(Highlight key actions planning for next period)</p>

	ornamental fish.		
<p><b>Output 1.</b> 1. Biodiversity of ornamental fish species in MSDR assessed, and a standardised, repeatable monitoring programme established.</p> <p><i>[Populations of ornamental fish in the MSDR are maintained at a natural level.]</i></p>	<p>1.1 MSDR ornamental fish population surveyed to document species present and population abundance within the designated fishing zones. The results written up and disseminated by May 2006.</p> <p>1.2 Ornamental fish stock monitoring protocol completed by August 06 for the Collection Area but which may be applied in a wider Amazon context.</p> <p>1.3 Collection Area Management Plan (CAMP) for ornamental fish extraction completed by April 2008 to ensure its sustainable management.</p> <p>1.4 At least four biologists trained in scientific survey techniques to assess and monitor fish populations through three training courses run by Head Scientist on an annual basis commencing August 05.</p>	<p>(report general progress and appropriateness of indicator)</p>	

<p>Activity 1.1 insert activities relevant to this out put</p> <p>1.1.1 (T4) Biological survey protocol approved by August 05.</p>	<p>(report completed or progress on activities that contribute toward achieving this output), and what will be carried out in the next period</p>
<p>1.1.2 (T13): Baseline fish surveys of the designated fishing zones completed and written up by June 06.</p>	
<p>1.1.3 (T19): Results of the baseline biological surveys presented to the communities by June 06.</p>	
<p>1.2.2 (T20): Biological monitoring protocol agreed and adopted by August 06.</p>	
<p>1.3.1 (T31): CAMP content list drafted and agreed by December 2005.</p>	
<p>1.3.2 (T6): Supporting information for CAMP collected by project team by May 2006.</p>	
<p>1.3.3 (T27): Draft CAMP<sup>i</sup> completed and peer-review comments incorporated by June 07.</p>	
<p>1.4.1 (T29): Biological survey team trained to follow Collection Area monitoring protocol in June 2006 to commence survey work in July 2006.</p>	

1.4.2 (T31): First annual Collection Area monitoring completed and written up by May 2007.		
1.4.3 (T36): This is to be repeated annually <i>ad finitum</i> .		
1.4.3 (T11): Biological survey team trained in survey techniques by HS July 2005, 2006 and 2007.		
<p><b>Output 2.</b> Social and economic parameters of community determined and monitored, local knowledge and needs identified, and feedback loop established.</p> <p><i>[Increase livelihood opportunities from extraction of sustainable levels of ornamental fish lead to increased income for households in MSDR].</i></p>	<p>2.1 Households that have elected to be involved in the project benefit from an increased income of 10% due to the new fishery by 2008.</p> <p>2.2 Two Community Associations have the organisational capacity to effectively manage and monitor a sustainable trade in ornamental fish in MSDR by May 2008.</p>	(report general progress and appropriateness of indicator)
Activity 2.1.1 (T5): Socioeconomic survey protocol agreed by September 05.		
2.1.2 (T7): Communities and individuals to be involved in the project determined and agreed by December 2005.		
2.1.3 (T14): Baseline socio-economic surveys of identified MSDM		

communities and fishers completed by May 2006.		
2.1.4 (T21): Socio-economic monitoring protocol agreed by August 2006 that will include indicators to measure the socio-economic impact of the trade in ornamental fish on the communities.		
2.2.1 (T12): Socio-economic survey team including community promoters trained in survey protocol by October 2005.		
2.2.2 (T19): Results of the baseline socio-economic surveys presented to the communities by June 06.		
2.2.3 (T22): Through a process of consultation, communities endorse Best Practice Guidelines <sup>ii</sup> by September 2006.		
2.2.4 (T26): Fishers trained in Best Practice Guidelines to be independently assessed as competent by May 2008		
2.2.5 (T24): Community organisations formed, officially registered and membership protocols agreed by September 2007.		
2.2.6 (T25): Training of designated personnel from community associations in business management, accounting reporting etc. to ensure that they are verified as competent by May 2008.		
<b>Output 3.</b> Market and economic potential for fishery identified, <u>a business plan</u> and standardised	3.1 A sustainable trade in ornamental fish is established from the MSDR by May 2008.	

<p>guidelines in place for trading procedure from source to end-user.</p>	<p>3.2 Standardised Best Practice Guidelines are adopted by May 2008 for the sustainable trade in ornamental fish from MSDR that are transferable and can be applied in a wider Amazonian context.</p>	
<p>3.1.1 (T1): Industry analysis undertaken on UK and European fish trade with particular reference to Brazilian ornamental fish. Report produced by December 2005.</p>		
<p>3.1.2 (T9): Industry analysis undertaken on Brazilian fish trade with particular reference to fish exported from Manaus, Brazil, by December 2005 to include current trade pathways/systems.</p>		
<p>3.1.3 (T10): Current and where possible future trade regulations identified by April 2006 to include taxes, custom requirements, health and welfare procedures in Brazil, UK, Europe, Japan and US.</p>		
<p>3.1.4 (T15): Business plan drafted and reviewed by project team by June 2006 to include scenarios to advise selection of fish species list. T30: Business plan to be reviewed annually.</p>		
<p>3.1.5 (T28): Implementation of ornamental fish business plan by May 2008.</p>		

3.2.1 (T2): Existing natural resource certification/guidelines are assessed and potential applicability determined by December 2005.		
3.2.2 (T32) Produce and peer review standardised Best Practice Guidelines for the sustainable trade in ornamental fish. Draft by June 2006 and Final June 2007.		
3.2.3 (T40): Peer review standardised Best Practice Guidelines are adopted by fishers, managers, communities, traders, exporters, importers and retailers by May 2008		
3.2.4(T23): Procedures for trade documentation, verification of compliance to standards, auditing and feedback procedures developed and implemented by May 2008.		
<b>Output 4</b> Fish welfare maintained from source to end user	4.1 Ornamental fish welfare secured by achieving 80% reduced mortality along the supply chain from 2008.	
4.1.1 (T42). Recommendations for improved welfare by May 2006. Water quality parameter standards within defined optimum values achieved on 90% of shipments by May 2008.		

<p>4.1.2 (T32) Best practice guidelines produced for animal welfare from capture to consumer by May 2007.</p>	
<p>4.1.3 (T40) Communities, exporters and importers implementing Fish Welfare Best Practice guidelines by May 2008</p>	

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<sup>i</sup> CAMP to include: geographical, ownership and political boundaries of collection area, identification of all stakeholders, collection and fishing history, species for collection, catch quotas, monitoring protocol to include reporting of destructive or over fishing practices or list of significant organisms not to be touched and procedures in place to prevent this.

<sup>ii</sup> Standardised guidelines are to include: ecosystem management which comprises the Collection Area Management Plan; collection methods, handling and storage; logistics and transportation from source to retailer which included husbandry and fish welfare; administrative and accounting procedures. To be defined further.