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Unlocking resources: The impact of land reform on sustainability of forest and woodland resources and rural livelihoods- The case of Mufurudzi resettlement scheme (Zimbabwe)

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Appendix II

MUFURUDZI RESETTLEMENT AREA FOREST AND WOODLAND RESEARCH PROJECT:

CBNRM-PRA FIELD WORK BOOK

Participatory Methodologies And Activities

Section:…….

Village:……..

Group (Male, Female, Youth):……

Facilitator:…….

Date:……

1. Ranking (Pair-wise)

a) Compare the species shown in the table and for each pair indicate the species which you normally prefer to use as a source of construction timber. (In the table state your reasons for preference)

Species	Species							
	Mupfuti	Mukarati	Munhondo	Muvanga	Mutowa	Score	Rank	Reason(s) for preference and status of species
Mupfuti								
Mukarati								
Munhondo								
Muvanga								
Mutowa								

Comments:……
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b) Compare the species noted in the table and for each pair indicate the fruit tree species which you normally prefer to retain in your fields (In the table state your reasons for preference)

	Species							
	Muchenje	Mukute	Mutsvitsvi - riondo	Mutamba	Mumbumbu	Score	Rank	Reason(s) for preference and status of species
Muchenje								
Mukute								
Mutsvitsvi-riondo								
Mutamba								
Mumbumbu								

Comments:……..
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c) Compare the species noted in the table and for each pair indicate the species which you normally prefer to use as a source of fuel wood. (In the table state your reasons for preference)

Species	Species							
	Mupfuti	Munhondo	Muvanga	Muunze	Mung'ando	Score	Rank	Reason(s) for preference and status of species
Mupfuti								
Munhondo								
Muvanga								
Muunze								
Mung'ando								

Comment:……...
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d) Compare the species noted in the table and for each pair indicate the species which you prefer to use as shade. (In the table state your reasons for preference)

Species	Species							
	Mupfuti	Mung'ndo	Mutsamvi	Munhondo	Muchenje	Score	Rank	Reason(s) for preference and status of species
Mupfuti								
Mutsamvi								
Mung'ando								
Mundondo								
Muchenje								

Comment:……...
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e) Compare the species noted in the table and for each pair indicate the species which you prefer to use as source of wood for artifacts. (In the table state your reasons for preference)

Species	Species							
	Musomo/ Mupfura	Mujoki	Munhondo	Mukombigo	Muvanga	Score	Rank	Reason(s) for preference and status of species
Musomo/ Mupfura								
Mujoki								
Munhondo								
Mukombigo								
Muvanga								

Comment:……...
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f) Compare the species noted in the table and for each pair indicate the species which you prefer as source of fodder. (In the table state your reasons for preference)

Species	Species							
	Mupangara	Mupfuti	Munhondo	Musawu	Acacia spp.	Score	Rank	Reason(s) for preference and status of species
Mupangara								
Mupfuti								
Munhondo								
Musawu								
Acacia spp.								

Comment:……...
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2. Ranking (Matrix)

Specify the species which you would prefer to save (or even grow) for the reasons specified in the table below.

Reason (condition)	Species						Description of the most preferred species (including local abundance and habitat conditions of places where species is found)
						Highest Ranking	
Easy to grow							
Widely available locally							
Grows rapidly							
Highly nutritious							
Multi-purpose use							
Can be lopped repeatedly							
Does not shade crops							

(Adapted from Jackson and Ingles, 1998)

Comment:……...
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3. Participatory mapping

Aim: To show information about the local physical resource and social conditions that does not appear on published topographic maps, particularly that which relate to rural livelihoods and the state of forest and woodland resources.

Activity: Draw a map of your village showing the following:

a) location of administrative boundaries (boundaries of your village)
b) location of homesteads, hills, schools and other infrastructure
c) rivers (showing places where fish, reeds and pools are still found and those where these resources or features have ceased to exist.
d) wetlands
e) areas where forest and woodland resources are found (**the facilitator must allow the participants to specify the resources themselves**)
f) use rights and use patterns of local forests
g) routes used by villagers when exploiting forest and woodland resources
h) deforested areas
i) places which are most frequently burnt
j) places that are considered as sacred, especially those where tree cutting is regarded as taboo
k) places where wild animals still exist and those where wild animals have become extinct or rare
l) location of fields and gardens
m) recently opened fields
n) recently built homesteads
o) places where non-timber forest products are found (**participants must specify the products**)
p) areas appropriate for starting new woodlots (**the facilitator must get information about the characteristics of the proposed location**)
q) areas where woodlots already exist (**the facilitator must get information about the characteristics of the proposed location**)

Instruction: Participants must be allowed to draw the map, and where possible they should provide the mapping materials as well. The map should be transferred to the field notebook by the facilitator, adding the legend, north pointing arrow, facilitator's name, and date of mapping.

Village Map

Comment:……...
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4. Develop a time chart (seasonal diagram) showing the major activities that are carried out at different times of the year which depend on the forest and woodland resources found in your village. Note the activities under the headings provided in the table below.

Activity	Forest and woodland resources used (or destroyed) and methods used to extract or destroy them	Time of the year/ season the activity is carried out and reason
Clearance of land for cultivation		
Weaving: • basketry • bark cloth weaving • mats		
Collection of fuel wood for: • household use • tobacco curing • brick firing		
Fencing: • homesteads • gardens		
Construction (huts)		
Collection of fruit for sale and/or dietary supplementation		

Comment:……...
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5. Discussion (for composite group only)

a) What exactly is the cause of deforestation in your village?

b) Which groups of people are causing the problem?

c) Which gender could be considered as most responsible for loss of forest cover and why?

d) Which gender has the greatest capacity to easily reduce the problem and why?

e) Which generation is responsible for the problem of deforestation?

f) What could be considered as the key solution to loss of forest cover?

g) If hiring environmental monitors is part of the necessary solution to deforestation, what problems would such an approach face and how would you deal with them?

h) If planting trees is seen as the solution:

i) Which species would you prefer and why?

ii) What difficulties would you experience in setting up woodlots and how do you think they should be reduced? (In what way would it be difficult (or easy) to implement the solution?)

iii) Where would you locate the woodlots and why?

iv) What environmental, economic and social problems would arise if only the preferred species were planted to replace cut trees?

6. Within your village several bush fires have been reported recently:

a) What could be the cause of the fires?

b) Who is responsible for causing the fires?

c) What solutions could be suggested to solve the problem?

7. Some farmers normally leave trees in their fields:

a) What are the reasons for such a practice?

b) Which trees are normally left uncut and what purpose do they save