

MARONGA COMMUNITY

- Extensive semi-deciduous / evergreen forest; good condition
- Moist grassland
- Riverine forest
- Quartzite outcrops (Chimanimani Mtn endemics)
- Extension of TFCA Core Zone
- Restricted forest species, including some endemics



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~		Regulo's	
	2	House	-
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a	areas pro	posed by p	oroject







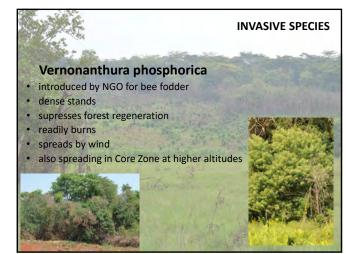
	area (km²)
Mpunga	
total community area	160
community-proposed conservation area	66.5
proposed forest area for conservation (project)	48.6
proposed Rio Tave area for conservation (project)	0.15
Mahate	
total community area	504
community-proposed conservation area (incl. TFCA Core)	187
proposed area for conservation (project)	8.16
Zomba	
total community area	230
community-proposed conservation area (incl. TFCA Core)	36.2 + 2.19
Thekeza forest area proposed for conservation (project)	25.1
Mapira swamp area proposed for conservation (project)	0.43
Zomba forest area proposed for conservation (project)	1.73
Zomba swamp area proposed for conservation (project)	2.18
Maronga	
total community area	179
community-proposed conservation area (incl. TFCA Core)	129
proposed area for conservation (project)	40.7

TFCA BUFFER ZONE	
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Community conservation areas are mostly areas not already used for settlement or cultivation	AL AL
> Most are adjacent to TFCA Core Zone	
> But how to effectively conserve them?	a the
> Problem with recognition on ground of Core Zone boundary	X
Monitoring and regulation of field clearance and burning	
> For ecotourism, problem of access (except Mpunga)	2

SPECIES WITH ECONOMIC POTENTIAL

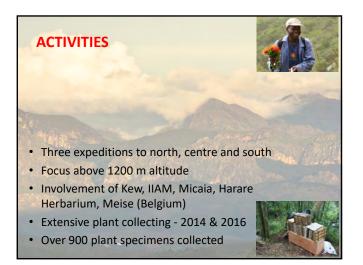
- Uapaca kirkiana edible fruits
- Cyperus papyrus stems for mats
- Funtumia africana plumed seeds for paper
- Coffea salvatrix speciality coffee
- Khaya anthotheca artisanal folding chairs
- Funtumia / Harungana kitchen utensils





CEPF PROJECT – CORE ZONE

- More a botanical study
- · Zimbabwe side known, but not Mozambique
- Which habitats are most important
- What is status of plant endemics
- What are threats resulting from gariemperos
- Comprehensive documentation of botanical diversity
 of Chimanimani Mtns



MAIN FINDINGS

- New studies realise 78 endemic taxa (8.5% of flora)
- Found 9 taxa new to science
- Total flora over 950 species
- Most endemics found on quartzite, not schist soils
- Importance of "rock gardens"
- Mozambique and Zimbabwe sides very similar botanically
- Ecological processes and flora basically in good condition





CONSERVATION

- Gariempero activity is less now than before
- Surprisingly, less impact on endemic plants than expected
- Gariemperos having a big impact on rivers and streams
- (hydrology, aquatic animals), but not on grasslands
 Severe loss of large mammal populations
- Threats from frequent fires
- Potential threat from alien invasive plant species
- Carried out 66 IUCN Red List assessments on plants
- 27 species threatened, 34 Least Concern

