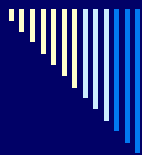


FSC PROGRESS AT TANGANYIKA WATTLE COMPANY LTD

Francisco Kimasa Shejamabu

Paper presented at the international Training Programme on Forest Certification, May 2004, Garpenberg, Sweden.



Map of Africa

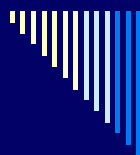




INTRODUCTION

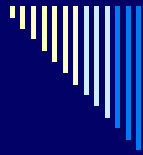
Tanganyika Wattle Company Limited (TANWAT)

- Location: Tanzania, East Africa, Southern Highlands of Tanzania
- Owner: CDC (TANWAT & KVTC)
- Property: Main is land, Total 15560 ha
- Wattle: 8000 ha
- Pines: 4500 ha
- Eucalyptus: 1000 ha
- The rest 1060 ha: Protection, Roads, Buildings
- Climate: Minimum temp: 3°C
Maximum temp: 25°C
Annual rainfall : 1100mm
Altitude: 1800 m.a.s.l



ACTIVITIES OF TANWAT

Plantations	Factories	Marketing
Wood	timber	All
Bark	poles	
	tanin	
	power	
	Waste – Kuni/firewood	
	- offcuts	
	-spents	
	- sawdusts	



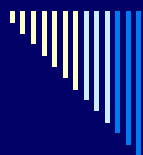
TOWARDS FSC

Reasons:

- a management tool
- Market access

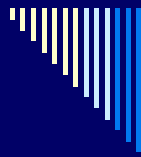
Steps

- Set aside areas
- Survey of plant biodiversity (FSC principle #6)
- Biodiversity monitoring scheme (principle # 6)
- Archaeological heritage survey (principle # 3; criterion 3:3)
- Socio-economic impact survey



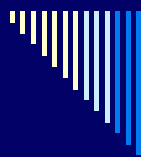
The set aside areas

- Mapped
- Named
- Species diversity



Survey of plant biodiversity

- More species in set aside areas than exotic areas
- Total 259 species from 88 families
- The four most important families
- Rare and endangered?

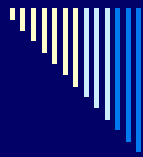


Survey of amphibians

- Statistics
- Endemics
- Management options

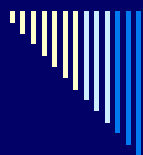
Table 1: Amphibians species records by habitat

Habitat	No of spp present
Forest	None 1 outside
Grassland	3
Water edges	8
Water bodies	2



Birds Survey

- 106 species; 39.3% of the districts
- Blue swallow found!!
- Management options



Butterflies Survey

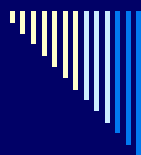
- 81 species; 52 genera
- 5.8% of the Tanzania spp known
- Endemics
 - *Neocoenyra fiilleborni*
 - *Neoconyra heckmanni*
 - *Harpencyreus junco*
 - *Issoria baumanni*
- Management options



Biodiversity Monitoring

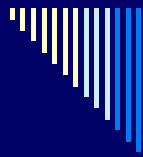
- Score of indicators of habitat quality
- Table 2: Recording of flagship species at TANWAT

Date	Hornbill	Antelope	Carnivore	Others	Compt No	Comments



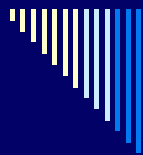
Sites of Cultural, Religious and Archaeological Significance

- Evidence of artefacts
- Graveyards
- future



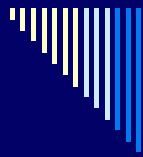
Socio-economic impact survey

- 15 villages; 265 households,
- Direct material support
- Employment
- 95% (n=265)
 - = forest products
 - = grazing



Comparison: before and after FSC

- Conservation policy
- Endangered species
- Awareness: FSC a management tool (policies and procedures)
- Future potential :
 - Global contribution
 - Market accessibility



CONCLUSION