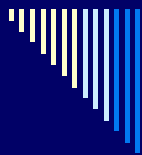


## FSC PROGRESS AT TANGANYIKA WATTLE COMPANY LTD

Francisco Kimasa Shejamabu

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



## Map of Africa

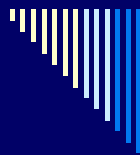




## INTRODUCTION

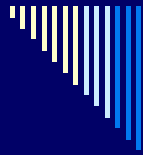
### Tanganyika Wattle Company Limited (TANWAT)

- 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	



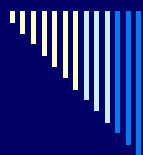
## TOWARDS FSC

### Reasons:

- a management tool
- Market access

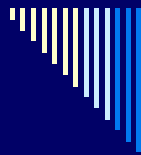
### Steps

- 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



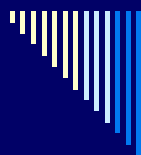
## The set aside areas

- 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?

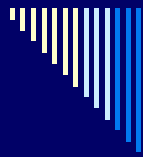


## Survey of amphibians

- Statistics
- Endemics
- Management options

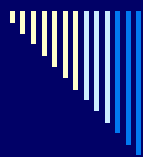
Table 1: Amphibians species records by habitat

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

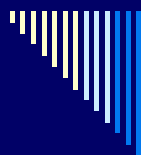
- 81 species; 52 genera
- 5.8% of the Tanzania spp known
- Endemics
  - *Neocoenyra fiilleborni*
  - *Neoconyra heckmanni*
  - *Harpencyreus junco*
  - *Issoria baumanni*
- Management options



## Biodiversity Monitoring

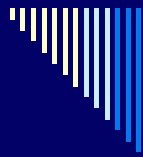
- Score of indicators of habitat quality
- Table 2: Recording of flagship species at TANWAT

Date	Hornbill	Antelope	Carnivore	Others	Compt No	Comments



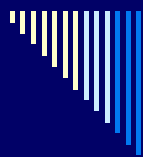
## Sites of Cultural, Religious and Archaeological Significance

- Evidence of artefacts
- Graveyards
- future



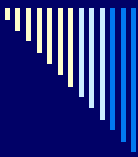
## Socio-economic impact survey

- 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